Panasonic

Digital Cordless Answering System

Model No. KX-TCD735ALM

Operating Instructions

Caller ID Compatible

PLEASE READ BEFORE USE AND SAVE.

Charge the batteries for about 15 hours before initial use.

Dear purchaser,
You have acquired a KX-TCD735ALM, which is a product made in regard with the European Standards for Cordless Telephones (DECT). DECT technology is characterised by high-security protection against interceptions as well as high-quality digital transmission.
This telephone was designed for a wide range of applications. For example, this telephone can be used within a network of base units and handsets, constituting a telephone system which:
• operates up to 6 handsets at one base unit
• allows an intercom between 2 handsets
• allows the operation of a handset at up to 4 base units, expanding the communication radio area. This telephone may be used for:
• operating several handsets
• operating at several base units
• connecting the base unit to a PBX.

Important Information

Instructions to customer

Installation

Attached to this telephone is an approval label. This label is evidence that it is a "Permitted Attachment" which has been authorised to be connected to your telephone service.
Conditions relating to connection and operation of this Permitted Attachment are contained in Telecommunications General By-Law 220 (5).
You are authorised to install this Permitted Attachment yourself by plugging it into the line socket of any regular telephone. You may connect it in place of your existing telephone or to any spare telephone socket installed in your premises.
To disconnect your existing telephone you must first remove its plug from the line socket. You can then insert the plug of your Permitted Attachment into the socket and use your equipment.
If the plug of your existing telephone cannot be readily removed, you will have to remove the screw securing it. To do this proceed as follows:
1.Loosen screw "A" sufficiently to remove the socket cover.(See Fig. 1.)
2.Remove screw "B" and withdraw the plug. (See Fig. 2.)
3.Replace screw "B". (See Fig. 3.) Ensure that it screws completely into the socket recess. (If the screw is too long, increase the hole depth or replace the screw with one 5 mm shorter.)
4.Replace socket cover and tighten screw "A". (See Fig. 4.)

SOCKET   PLUG

SCREW "A"

TELEPHONE CORD
(Connect to the PLUG
as shown in Fig. 1.)

Fig. 1

SCREW B

Fig. 2

SCREW B

Fig. 3

SCREW A

SOCKET
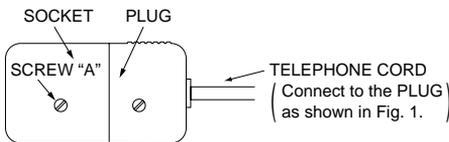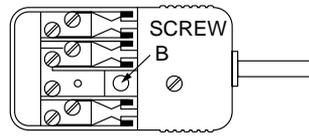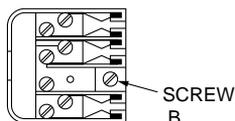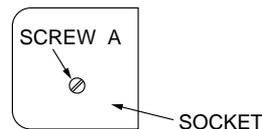
Fig. 4

If you are satisfied with the operation of your telephone service after plugging in your Permitted Attachment, your installation is completed.

You will be unable to connect this Permitted Attachment if your telephone service consists only of a wall phone or an old style telephone which is not connected by means of a modern plug and socket. In such cases a new socket will need to be installed.

Should the Permitted Attachment not operate when plugged into a socket, it is either faulty or unsuitable for operation with your telephone service. It should be returned to the store where purchased or to an Authorised Service Centre.

Service difficulties

If at any time a fault occurs on your telephone service carry out the following checks before you call for service:

- Disconnect the Permitted Attachment and try using the service with the normal telephone.
- If the telephone service then operates satisfactorily, the fault is in your Permitted Attachment. Leave the Permitted Attachment disconnected and report the fault to its supplier or agent to arrange for repair.
- If when using the telephone the service is still faulty, report the fault to "Service Difficulties and Faults" for attention.

You are required to keep this Permitted Attachment in good working order while it is connected to your telephone service. Its construction or internal circuit must not be modified in any way without permission.

WARNING

This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

Do not connect the AC adaptor to any AC outlet other than the standard AC 220-240 V, 50 Hz.

- Output voltage DC 9V, 500 mA.
- The telephone is approved for use with the PQLV1AL power supply.
- CAUTION: Do not remove cover. Live parts inside.

Ringer Equivalence Number (REN):

This relates to the performance of the telephone when used in combination with other items of telephone. It enables the calculation of the maximum number of items of telephone that may be connected simultaneously to the line by summing the REN values of each item.

A maximum REN value of 4 should not be exceeded. The REN value of this telephone is 1

WARNING:

The phone may be unable to make emergency 000 calls under certainconditions:-

- The portable handset battery needs recharging, or has failed.
- During a mains power failure.
- When the Key Lock is set to ON.
- When the Unit is in Direct Call Mode.

NOTE:

If you experience any problems with the normal use of your telephone, you should unplug it from the telephone outlet and connect a known working telephone in its place. If the known working telephone still gives problems, then please contact the customer service department of your carrier or service provider. If it operates properly, then the problem is likely to be a fault in your telephone. In this case, contact your supplier for advice. Your carrier or service provider may charge you if they attend a service call that is not due to telephone supplied by them.

Before Initial Use

Thank you for purchasing your new Panasonic cordless telephone.

When you subscribe to Caller ID services from your telephone operator, this telephone will display the caller's phone number. When available from your telephone operator, this telephone will also display the number of the second call or call waiting.

For your future reference

Serial No. _____ Date of purchase _____

(found on the bottom of the unit)

Name and address of dealer _____

Attach or keep original receipt to assist with any repair under warranty.

Included with this unit

☐ AC Adaptor (p. 11)	☐ Telephone Line Cord (p. 11)	☐ Batteries (p. 12)	☐ Handset Cover (p. 12)
one	one	two	one
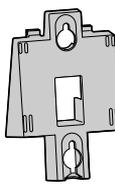
☐ Belt Clip (p. 69)	☐ Wall Mounting (p. 72)	☐ Telephone Plug (p. 13)
one	one	one

Optional accessories

Please contact the place of purchase for the following options.

| Model No.	Description
KX-A115ALM	Handset/Charger
P6H	Ni-Cd batteries
KX-A109	Option covers

For Best Performance

Base Unit Location

Calls are transmitted between the base unit and the handset using wireless radio waves. **For maximum distance and noise-free operation**, the recommended base unit location is:

Away from electrical appliances such as a TV, radio, personal computer, cellular phone charging units or another cordless phone.

In a high and central location, preferably where there are no obstacles.
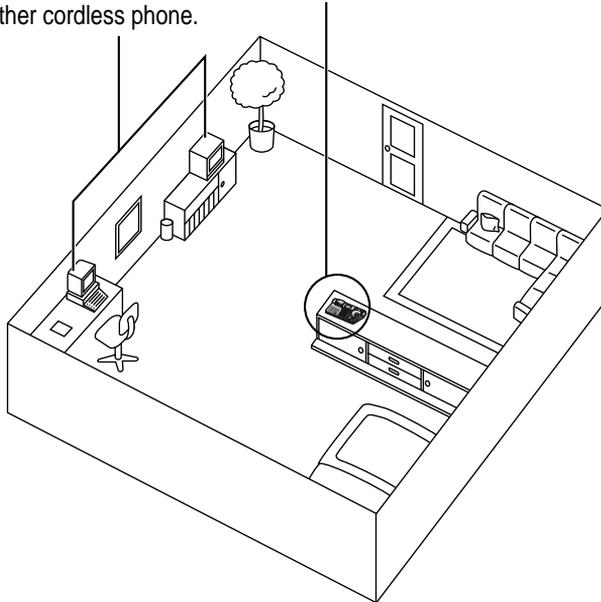
Operating range:
The range of operation depends on the construction of your home, weather and usage conditions. Normally you will get longer range outdoors than indoors.
Obstacles such as walls, metal shelves or cement-iron walls may shorten the operating range.
Noise:
Occasional noise or interference may occur due to other random radio waves.

Contents

Chapter 3
Programmable Functions
on the Handset

➡ **Contents**

Chapter 6
Multi-Unit User Operations

Chapter 7
Useful Information

Location of Controls

Handset

Back side

Speaker

Receiver

Display

[▭] (Phonebook) Button

Headset Jack

[📞] (Talk) Button

[🔊] (Speakerphone) Button

Navigator Key ([▲],[▼],[◄],[►])

[✱] (Capital Change) Button

Charge Contact

[R] (Recall) Button

[⊙] (Redial/Pause) Button

[▤] (Function/OK) Button

[☎] (OFF/Power) Button

[C] (Clear) Button

[INT] (Intercom) Button

Charge Contact

Microphone
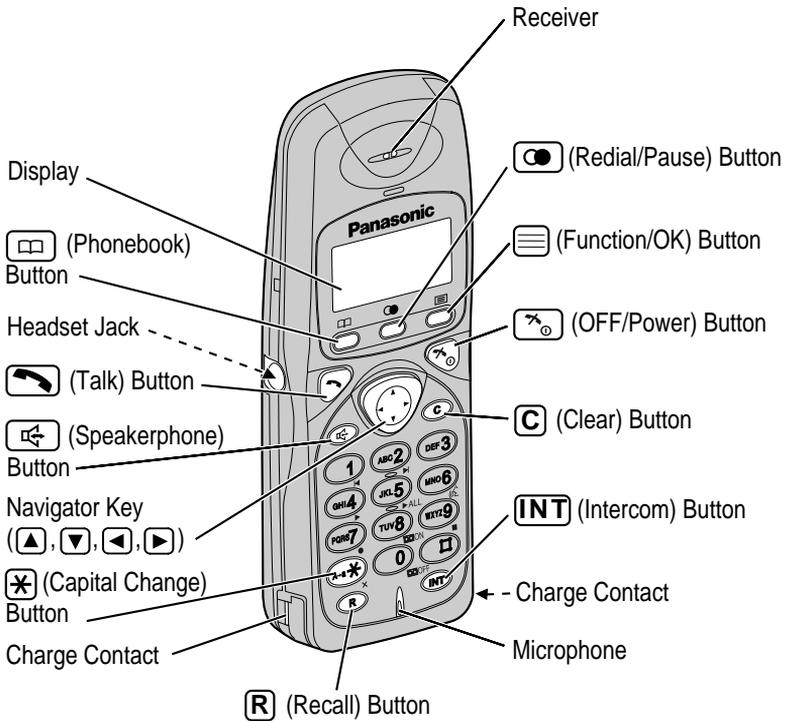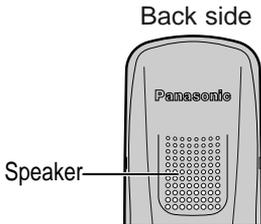
• Handset operation is not available when the base unit is in use.

Base Unit

● (Memo) Button (p. 86, 87)

× (Erase) Button (p. 86, 89)

《٤ (Greeting) Button (p. 86, 87)

Charge Contacts

■ (Stop) Button (p. 86, 87, 88)

Display

▷ (New Message) Button (p. 86, 88)

Caller ID Indicator (✉)

•)) (Page/Intercom) Button

C (Clear) Button

Panasonic

◉ DIGITAL

OO (Answer ON) Button and Indicator (p. 17, 86)

MIC(Microphone)

✕ (Mute) Button and Indicator

◐● (Redial/Pause) Button

•//• (Cancel) Button

R (Recall) Button

In Use Indicator (☎)

◁ (Speakerphone) Button and Indicator

Navigator Key (▲ , ▼ , ◀ , ▶)

≡ (Phonebook/Function) Button

▯ (Handset Select) Button

• Base unit operation is not available when the handset is in use.

Display

Handset Display

```
ABCDEFGHIabcdefg
1234567890123456
```

Icons

Ψ The in-range icon indicates that the handset is in range of the base unit. It flashes when the handset is out of range.

ₐⁿ The page/intercom icon is displayed when paging or using the intercom. It flashes when another unit pages the handset.

☎ The talk icon is displayed when making or answering calls. It flashes when an outside call is being received.

☏ The call prohibition icon is displayed when call prohibition mode is set to on (p. 62).

📖 The phonebook icon is displayed when storing or viewing item into the handset phonebook (p. 32).

🔋 The battery icon indicates the battery strength (p. 14).

Characters

P "Pause" is selected while dialling (p. 48).

↦ Direct call mode is ON (p. 63).

[A] Answering system is ON (p.17)

F [R] is pressed while dialling.

[x] Key lock is ON (p. 48).

Base Unit Display

```
ABCDEFGHIabcdefg
1234567890123456
```

Icons

ₐⁿ The page/intercom icon is displayed when paging or using the intercom. It flashes when another unit pages the base unit.

☎ The talk icon is displayed when making or answering calls. It flashes when an outside call is being received.

📖 The phonebook icon is displayed when storing or viewing item into the base unit phonebook.

🔋 The battery icon indicates the handset is on charging (p. 14).

Characters

P "Pause" is selected while dialling (p. 48).

F [R] is pressed while dialling.

Getting Started ➡

Installing the Batteries in the Handset

Install the batteries as shown, then install the handset cover.
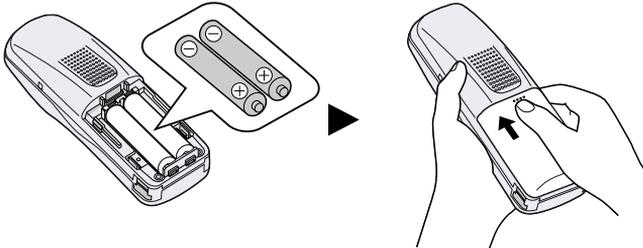
- If the rechargeable batteries are not inserted correctly, the handset will not work.

Connections

Plug in the AC adaptor cord and the telephone line cord to the bottom of the unit. Then connect the cords as shown.

Hook

Fasten the AC adaptor cord to
prevent it from being disconnected.

To Socket

Telephone Line Cord

To Power Outlet
(AC 220—240 V,
50/60 Hz)
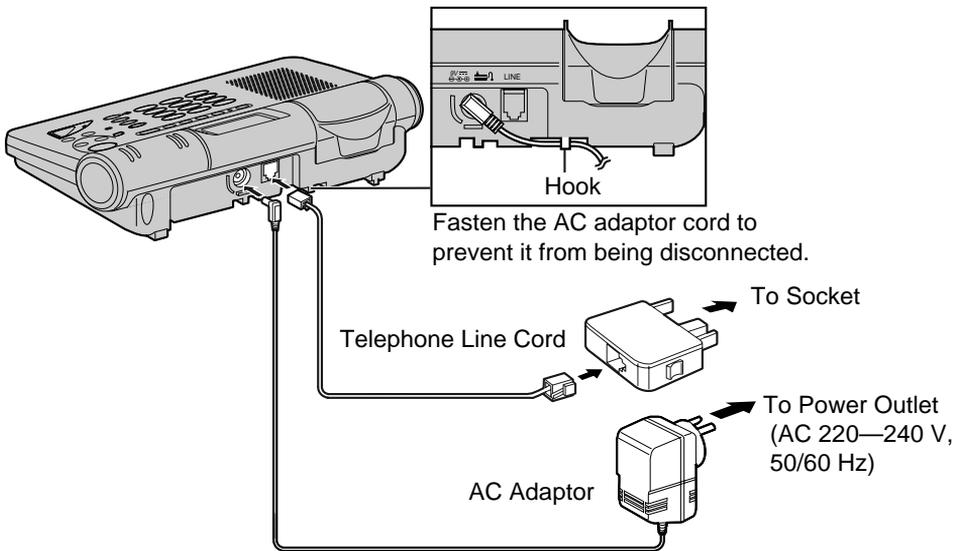
AC Adaptor

- USE ONLY WITH Panasonic AC ADAPTOR PQLV1AL.
- The AC adaptor must remain connected at all times. (It is normal for the adaptor to feel warm during use.)
- If your unit is connected to a PBX which does not support Caller ID services, you cannot access those services.
- The telephone will not work during a power failure. We therefore recommend you use a standard telephone and T Adaptor to connect this Digital Cordless Phone to the line. Your Panasonic sales shop can offer you more information about connection possibilities.

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Battery Charge

At the time of shipment, the batteries are not charged. To charge, place the handset on the base unit. Please charge the batteries for about **15 hours** before initial use. During charging the battery, battery icon is as shown below.

Fully charged (Handset display only)	During charging (Handset/base unit display)	Needs to be charged (Handset display only)
(Flashing)		(Flashing)
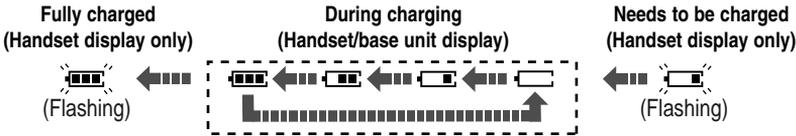
You can check the present battery strength on the display.

Handset display only					
Battery strength	**Fully charged**	**High**	**Medium**	**Low**	**Needs to be charged**
Battery icon	(Flashing)				(Flashing)
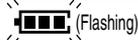
Recharge (Handset display only)

When " ▄▄▄ " flashes or the unit beeps every 15 seconds, recharge the batteries.

Ex. Handset display

```
Base 1
10 New Calls
   12.04 15:00
▽                    ▄▄
```
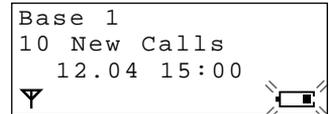
Battery information

After your batteries are fully charged, battery life depends on its type and usage condition.

	Approx. Ni-MH battery life (Included)	Approx. Ni-Cd battery life (Optional)*
While in use (Talk)	Up to about 20 hours	Up to about 10 hours (based on 800mA per hour)
While not in use (Standby)	Up to about 200 hours	Up to about 100 hours

- Battery life may be shortened depending on usage conditions, such as:
  — when viewing the Caller ID Caller List (p. 26) or phonebook (p. 32)
  — when talking in speakerphone mode (p. 20)
  — ambient temperature.
- **Clean the handset and the base unit charge contacts with a soft, dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity, otherwise the batteries may not be charged properly.**
- If the batteries are fully charged, you do not have to place the handset on the base unit until " ▄▄▄ " flashes on the handset display. This will maximise the battery life.
- The batteries cannot be overcharged.
- * Nickel Cadmium (Ni-Cd) rechargeable batteries (AA size) are available.
  If you replace the batteries with Ni-Cd batteries, battery type selection on the handset programming must be changed to Ni-Cd (p. 64).

Basic Start-up Operations ➡️

with the Handset
Turning the Power ON/OFF

To turn the power ON

Press and hold $\boxed{\times_\odot}$.

• After all possible configurations briefly appear, the display will change to the standby mode. A beep sounds.

To turn the power OFF

Press and hold $\boxed{\times_\odot}$ **until a long beep sounds.**
• The display will go blank.
• The handset will not ring.

Standby mode on the handset

```
① ─┌─ Base 1
② ─┌─ 10 New Calls
③ ─┌─    12.05 13:58
    ▽                  ▭▭
```

```
          Base 1    [A]
④ ─┌─      4 Messages
             12.05 13:58
    ▽                  ▭▭
```
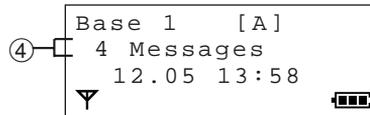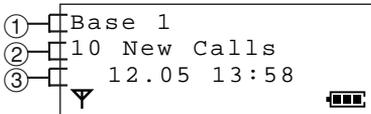
• If message(s) is/are recorded, the standby mode will be shown as above.

Standby mode on the base unit

```
 4 Messages
 0 New Calls
  12.05 13:58
```

```
 Greeting Only
 0 New Calls
  12.05 13:58
```
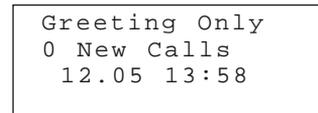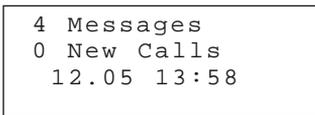
• If "greeting only" is selected (p. 85), the display will be shown as above.

① The current connected base unit number: You can select whether to display the base unit number, handset number or no display in the standby mode by programming (p. 59).
② The number of new Caller ID calls received (p. 26).
③ The current date and time (p. 18). These are shown only if set by the user.
④ The number of recorded message: If new message(s) is/are recorded, ④ will flash. When memory is full, ④ will flash faster.

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with the Handset
Making a Call

For further information on making calls with the handset, see page 19.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

Press ⟨☎⟩ then dial a phone number.

- After a few seconds, the display will start showing the length of the call.
- If you misdial, press ⟨✕₀⟩ and start over again.
- The dialled number is automatically stored into the redial list (p. 19).

Answering a Call

For further information on answering calls with the handset, see page 23.
Make sure that the power is ON (p. 15), otherwise the handset will not ring.

Press ⟨☎⟩ or any keypad, ⟨0⟩ to ⟨9⟩, ⟨INT⟩, ⟨📢⟩, ⟨✱⟩ or ⟨🔲⟩ —Any Key Answer.

- After a few seconds, the display will start showing the length of the call.

Terminating a Call

Press ⟨✕₀⟩ or place the handset on the base unit.

- The handset will return to the standby mode.

with the Base Unit
Making a call (Digital Speakerphone)

For further information on making calls with the base unit, see page 22.

1 Press ⟨📢⟩ then enter a phone number.
OR
Enter a phone number then press ⟨📢⟩.

- The speakerphone indicator (📢) lights.
- The dialled number is displayed.
- If you misdial, press ⟨•/•⟩ then dial again.
- After a few seconds, the display will start showing the length of the call.

2 When the other party answers, talk into the microphone.

3 To hang up, press ⟨📢⟩.

- The speakerphone indicator (📢) goes out.

- The base unit speakerphone cannot be used while a handset is in use. Wait until the in use indicator (☎) goes out.

For best performance on digital speakerphone

- Talk alternately with the caller in a quiet room.
- If the other party has difficulty hearing you, press ⟨▼⟩ to decrease the speaker volume.
- If the other party's voice from the speaker cuts in/out during a conversation, press ⟨▼⟩ to decrease the speaker volume.

Answering a Call

If you subscribe to a Caller ID service, the caller information will be displayed after the first ring (p. 26).

1 Press ⟨📢⟩.
2 Talk into the MIC.
3 To hang up, press ⟨📢⟩.

16 • After a few seconds, the display will start showing the length of the call.

Basic Answering System Operations

For further information on answering system, see page 76.
You can operate the answering system with the handset, by function menu or keypad as direct command, and with the base unit.

If you set the current date and time (p. 18) and set the answering system ON, a synthesized voice announces the date and time a message was recorded after playback–**Voice Date/Time Stamp**.

Pre-Recorded Greeting Message

There are 2 pre-recorded greeting messages. A pre-recorded greeting message depends on selecting the caller's recording time (p. 85). You can record your own greeting message (p. 78, 87).
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To play the pre-recorded greeting message

(with the Handset)

1 Press [INT] then [□] .

2 After the function menu is displayed, press [▼] or [▲] until the arrow points to "Play OGM", then press [≡].
OR
Press [6].

(with the Base Unit)
    Press [«⸕] .

• A pre-recorded greeting message is played as follows.

■ When the recording time is set to "1 minute" or "unlimited" (16 minutes) (p. 85).
— "Hello, we are not available now. Please leave your name, message and phone number after the beep. We will return your call."

■ When the recording time is set to "greeting only" (p. 85).
— "Hello, no one is available to take your call. Please call back later."

To set the answering system ON

(with the Handset)

1 Press [INT] then [□] .

2 After the function menu is displayed, press [▼] or [▲] until the arrow points to "Answer ON", then press [≡].
OR
Press [8].

• A beep sounds, and "Answer Set" is heard

• [A] is displayed on the handset display in the standby mode..

(with the Base Unit)
    Press [◯◯] .

• "Answer Set" is heard.

• Answer ON indicator ([◯◯]) lights on the base unit.

To set the answering system OFF
(with the Handset)

1 Press [INT] then [□] .

2 After the function menu is displayed, press [▼] or [▲] until the arrow points to "Answer OFF", then press [≡].

OR

Press [0].

• A beep sounds, and "Answer OFF" is heard.

• [A] on the handset goes off.

(with the Base Unit)
    Press [◯◯] .

• "Answer OFF" is heard.

• Answer ON indicator ([◯◯]) on the base unit goes out.

• To playback new/all recorded messages, see page 80, 88.

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Date and Time

with the Handset

For using Voice Date/Time Stamp in answering system operation, you must set the current date and time.

Setting the Current Time

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ **until the arrow points to** "Setting Base", **then press** ▶.

• "Input Command" is displayed.

3 Press ✳.

4 **Enter the current time (hour and minute) using 4-digit number.**

• The entered numbers are displayed.
Ex. 1805 is entered for 18:05.
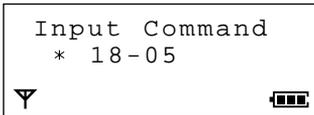
```
Input Command
  *  18-05

 ☿                        ▭
```

5 Press ▤.

• A beep sounds.
• The display will return to "Setting Base". To return to the standby mode, press ✆ⓞ.

Setting the Current Date

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Follow steps 1 to 3 on Setting the Current Time, then press** ✳.

2 **Enter the current date (day, month and year) using 6-digit number.**

• The entered numbers are displayed.
Ex. 160201 is entered for 16th of February, 2001.

```
Input Command
  **  16-02-01

 ☿                        ▭
```
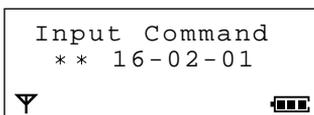
3 Press ▤.

• A beep sounds.
• The display will return to "Setting Base". To return to the standby mode, press ✆ⓞ.

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Making Calls ➡

with the Handset

For basic making a call operation with the handset, see page 16.

Making a Call after Confirming the Entered Phone Number

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Enter a phone number.

- The entered number is displayed.
- To cancel, press and hold [C] or press [✕₀].

2 Press [☎] or [📢].

- "☎" is displayed.

- After few seconds, the display will start showing the length of the call.

3 Press [✕₀] or place the handset on the base unit to hang up.

- The handset will return to the standby mode.

Redial Call

The unit automatically stores the last 10 dialled phone numbers into redial list. If the redial list is empty, "No Stored Memory" is displayed when you press [◉]. If you press [📢] then [◉] for redial call and the other party is in busy, the unit will call back automatically at least every 40 seconds up to 12 times –**Auto Redial**.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To redial the last number dialled

Press [◉] then [☎] or [📢].
OR
Press [☎] or [📢] then [◉].

- The last number dialled is automatically redialed.

To redial with the redial list

1 Press [◉].

- The last number dialled is displayed.

2 Press [▼] or [▲] until the arrow points to the phone number you desire to call.

- To exit the redial list, press [✕₀].

3 Press [☎] or [📢].

- The selected number is automatically redialled.

To clear a phone number in the redial list

1 Press [◉].

- The last number dialled is displayed.

2 Press [▼] or [▲] until the phone number you desire to clear is displayed, then press [▶].

- To exit the redial list, press [✕₀].

3 Press [▼] or [▲] until the arrow points to "Clear", then press [▶].

4 Press [▼] or [▲] to select "YES", then press [≡].

- "CLEARED" is displayed.

To clear all phone numbers in the redial list

1 Press [◉] then [▶].

2 Press [▼] or [▲] until the arrow points to "All Clear", then press [▶].

3 Press [▼] or [▲] to select "YES", then press [≡].

- "CLEARED" is displayed.

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with the Handset
Calling Back with the Caller List

Information up to 50 different callers is automatically stored from the most recent call to the oldest call in the Caller List. When the 51st call is received, the oldest caller information is deleted. If you receive a call from the same phone number you stored with name in the phonebook, the display will show the caller name also (p. 26). If the caller list is empty, "No Stored Memory" is displayed when you press ▼ or ▲ for viewing the caller list. This feature requires Caller ID subscription.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▼ or ▲.

- The most recent caller's information is displayed.

2 Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest call until the arrow points to the caller information you desire to call.

- To scroll between callers, press and hold ▼ or ▲.

3 Press 📞 or 🔊.

- The displayed phone number is automatically dialled.

4 To hang up, press ✳⊙ or place the handset on the base unit.

- The handset will return to the standby mode.

- If a phone number is not displayed, you cannot call back that caller.

Digital Speakerphone

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To make a hands-free phone conversation

1 Press 🔊 then enter a phone number.
OR
Enter a phone number then press 🔊.

- The dialled number is displayed.
- After a few seconds, the display will start showing the length of the call.

2 When the other party answers, talk into the microphone.

3 To hang up, press ✳⊙.

- If "📶" flashes and an alarm tone sounds after pressing 📞 or 🔊 (p. 58), move closer to the base unit, then try again.
- You can select whether to display the length of the call or dialled phone number while in the talk mode (p. 60).

with the Handset
Auto Talk

The auto talk feature allows you to answer a call by lifting the handset off the base unit without pressing ⌞☎⌟ . The factory preset is OFF. In order to view Caller ID information before answering a call, leave the auto talk feature OFF.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To set the auto talk feature ON/OFF

1 **Press** ▤ **.**

2 **Press** ▼ **or** ▲ **until the arrow points to** "Setting Handset"**, then press** ▶ **.**

3 **Press** ▼ **or** ▲ **until the arrow points to** "Other Option"**, then press** ▶ **.**

4 **Press** ▼ **or** ▲ **until the arrow points to** "Auto Talk"**, then press** ▶ **.**

  • The arrow points to the current setting.

5 **Press** ▼ **or** ▲ **to select** "ON" **or** "OFF"**.**

6 **Press** ▤ **.**

  • A beep sounds.
  • The display will return to "Auto Talk". To return to the standby mode, press ⌞✳⌟ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ⌞✳⌟ .

Storing a Dialled Number into the Handset Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To store an entered number into the phonebook

1 **Enter a phone number.**

  • The entered number is displayed.
  • If you misdial, press ⌞C⌟ . Digits are erased from the right.
  • To cancel, press and hold ⌞C⌟ or press ⌞✳⌟ .

2 **Press** ▶ **.**

3 **Follow steps 4 to 7 on Storing Caller List Information into Phonebook (p. 31).**

4 **While** "Save" **is at the arrow, press** ▤ **.**

  • A beep sounds and "Saved" is displayed.
  • The display will return to the entered phone number.

To store a redial number into the phonebook

1 **Press** ⌞◖●⌟ **.**

  • The last number dialled is displayed.

2 **Press** ▼ **or** ▲ **until the arrow points to the phone number you desire to store, then press** ▶ **.**

3 **Follow steps 4 to 7 on Storing Caller List Information into Phonebook (p. 31).**

4 **While** "Save" **is at the arrow, press** ▤ **.**

  • A beep sounds and "Saved" is displayed.

Cordless Telephone

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with the Base Unit

For basic making a call operation with the base unit, see page 16.

Making a Call after Confirming the Entered Phone Number

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Enter a phone number.

- The entered number is displayed.
- To cancel, press and hold $\boxed{C}$.

2 Press $\boxed{🗫}$.

- " 📞 " is displayed.

- After few seconds, the display will start showing the length of the call.

3 Press $\boxed{🗫}$.

To hang up, press $\boxed{🗫}$.

- The handset will return to the standby mode.

Redial Call

To redial the last number dialled

Press $\boxed{◖●}$ then $\boxed{🗫}$.
OR
Press $\boxed{🗫}$ then $\boxed{◖●}$.

- If you press $\boxed{🗫}$ then $\boxed{◖●}$ for redial call and the other party is in busy, the unit will call back automatically at least every 40 seconds up to 12 times –**Auto Redial**.

To mute your conversation

Press $\boxed{⌧}$ while talking.

- The mute indicator ($\boxed{⌧}$) lights.
- The other party cannot hear your voice but you can hear theirs.
- To resume the conversation, press $\boxed{⌧}$ again.

Calling Back with the Caller List

1 Press $\boxed{▼}$ or $\boxed{▲}$.

- The most recent caller's information is displayed.

2 Press $\boxed{▼}$ repeatedly to search from the most recent call or press $\boxed{▲}$ repeatedly to search from the oldest call until the arrow points to the caller information you desire to call.

3 Press $\boxed{🗫}$.

- The displayed phone number is automatically dialled.

4 To hang up, press $\boxed{🗫}$.

- If a phone number is not displayed, you cannot call back that caller.
- You can exit the caller list any time by pressing $\boxed{C}$.

Answering Calls ➡

with the Handset

For basic answering a call operation with the handset, see page 16. During a call using the base unit speaker, the call can be switched to the handset when the handset is lifted up from the base unit cradle. If you subscribe to Caller ID service, the caller information will be displayed after the first ring (p. 26).

Make sure that the power is ON (p. 15), otherwise the handset will not ring.

Selecting the Receiver Volume (HIGH, MEDIUM or LOW) or Speaker Volume (6 levels) During Conversation

Press ▼ to decrease volume, or press ▲ to increase volume.

Ex. Receiver volume: HIGH
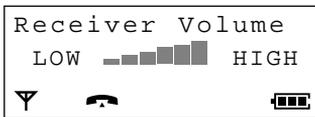
```
Receiver Volume
 LOW  ▃▄▅▆▇  HIGH

 ⅄      ☎           ▦
```

- Each time you press ▼ or ▲, the volume level will change.
- The display will return to the talk mode after receiver/speaker volume selection.

Temporary Ringer/Monitor OFF

1 **Press and hold ▼ for 1 second while handset is ringing/answering.**
- The handset stops ringing and "Ring Off" is displayed.

2 **Press 📞 or any keypad, 0 to 9, INT, 📢, ✳ or ⊡ to answer a call (–Any Key Answer).**
- After a few seconds the display will start showing the length of the call.
- This function is not available when the handset is on the base unit.
- This function is for external call only.

Auto Talk (p. 21)

If you set the auto talk feature ON, you can answer a call by lifting the handset off the base unit without pressing 📞.

Display Backlight

The lighted display will stay on for about 10 seconds after pressing a handset button or lifting the handset off the base unit. You can select one of 3 display backlight colours, green, orange, or red (p. 61).

with the Base Unit

For basic answering a call operation with the base unit, see page 16.
If you subscribe to Caller ID service, the caller information will be displayed after the first ring (p. 26).

Selecting the Receiver Volume (8 levels) During Conversation

Press ▼ to decrease volume, or press ▲ to increase volume.

Ex. Receiver volume: 8
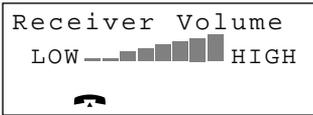
```
Receiver Volume
LOW ▬▬■■■■■ HIGH

        ☎
```

- Each time you press ▼ or ▲, the volume level will change.
- The display will return to the talk mode after speaker volume selection.

Paging/Intercom

In multi-unit user operation, conversation between handsets is available with intercom feature (p. 98).
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

Paging the Handset from the Base Unit (Handset Locator, All paging)

Using this feature, you can locate a misplaced handset.

1 **On the base unit, press ⟨•))⟩ .**

- All handset(s) ring(s) for approx. 60 seconds and " ⠔)) " flashes. To stop paging, press ⟨•))⟩ on the base unit or wait for 60 seconds.

2 **For intercom, press ⟨✎⟩, ⟨0⟩ to ⟨9⟩, ⟨INT⟩, ⟨🕼⟩, ⟨✳⟩ or ⟨🔲⟩ on the handset then talk.**

To end the intercom, press ⟨✳◎⟩ on the handset or press ⟨•))⟩ or ⟨🕼⟩ on the base unit.

Paging the Handset from the Base Unit (Individual Paging)

1 **On the base unit, press ⟨📋⟩ and enter the handset number you desire to page, then press ⟨•))⟩ .**

- The selected handset rings for approx. 60 seconds and " ⠔)) " flashes. To stop paging, press ⟨•))⟩ on the base unit or wait for 60 seconds.

2 **For intercom, press ⟨✎⟩, ⟨0⟩ to ⟨9⟩, ⟨INT⟩, ⟨🕼⟩, ⟨✳⟩ or ⟨🔲⟩ on the handset then talk. To end the intercom, press ⟨✳◎⟩ on the handset or press ⟨•))⟩ or ⟨🕼⟩ on the base unit.**

Paging the Base Unit from the Handset

1 **Press ⟨INT⟩ then ⟨0⟩ on the handset.**

- The base unit rings and " ⠔)) " flashes. To stop paging, press ⟨✳◎⟩ on the handset.

2 **For intercom, press ⟨•))⟩ or ⟨🕼⟩ on the base unit then talk. To end the intercom, press ⟨•))⟩ or ⟨🕼⟩ on the base unit or press ⟨✳◎⟩ on the handset.**

with the Handset
Transferring a Call Using the Intercom

The intercom can be used during a call. This feature enables you to transfer a call between the handset and the base unit.

From the handset to the base unit

1 **Handset:**
   During a call, press [INT] **then** [0].

   • The call is put on hold and " " is displayed.
   • If the base unit user does not answer, press [INT].

2 **Base unit:**
   Press [•)))] **or** [🕪] **to answer the page.**

3 **Transferring a call:**
   Handset: Press [✳ ⊙].

   • The transfer is completed.
     The base unit user can answer the call.
   OR
   Ending the intercom:
   Handset: Press [INT].

   • The handset returns to the call.

From the base unit to the handset

1 **Base unit:**
   During a call, press [•)))].

   • The call is put on hold.
   • If the handset user does not answer, press [•)))].

2 **Handset:**
   Press [☎] **to answer the page.**

3 **Transferring a call:**
   Base unit: Press [•)))].

   • The transfer is completed. The handset user can answer the call.
   OR
   Ending the intercom:
   Base unit: Press [🕪].

   • The base unit returns to the call.

Selecting the Ringer Type for Paging

You can select one of 20 ringer types for paging.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** ▤.

2 **Press** ▼ **or** ▲ **until the arrow points to** "Setting Handset", **then press** ▶.

3 **Press** ▼ **or** ▲ **until the arrow points to** "Ringer Option", **then press** ▶.

4 **Press** ▼ **or** ▲ **until the arrow points to** "Paging Type", **then press** ▶.

   • The arrow points to the current setting.

5 **Press** ▼ **or** ▲ **to select the desired ringer type.**

```
Paging Type
▶Ringer 1
 Ringer 2
 📶                    ▥▥▥
```
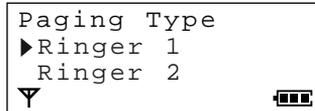
   • Each time you press a button, selected ringer type sounds.

6 **Press** ▤.

   • A beep sounds.
   • The display will return to "Paging Type". To return to the standby mode, press [✳ ⊙] or wait for 60 seconds.

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Caller ID

Caller ID Service

Caller ID, where available, is a telephone company service, and if you subscribe to this service, the caller information will be displayed after the first ring.
If you subscribe to a Caller ID and Call Waiting service, when a second call is received while talking, the new caller's phone number will be displayed.

How caller information is displayed when a call is received

After the first ring, the display shows the caller's phone number.

```
123456789
 Y    ☎          ▭▭
```

• After you answer the call, the display will start showing the length of the call.

If you receive a call from the same phone number you stored with name in the phonebook, the display shows the caller's phone number and name. You must store names and numbers in the phonebook if you desire to use this function.

```
John Miller
87654321
 Y    ☎          ▭▭
```
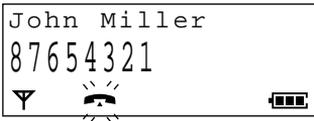
• After you answer the call, the display will start showing the length of the call.
• Caller information cannot be displayed in the following cases.
  — If the caller dialled from an area which does not provide a Caller ID service, the display will show "Out of Area".
  — If the caller has requested not to display his/her information, the display will show "Private Caller".
• If your unit is connected to a PBX which does not support Caller ID services, you cannot access those services.

Checking the number of new calls

When new calls have been received, the display shows the number of new calls in the standby mode.

<Standby mode on the handset>

```
Base 1
10 New Calls
   12.04 15:00
 Y                ▭▭
```

<Standby mode on the base unit>

```
4 Messages
10 New Calls
   12.04 15:00
```
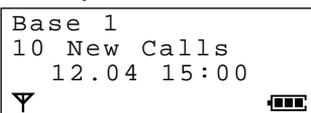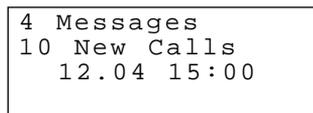
• Caller ID indicator (✉) flashes on the base unit.

Caller List

Viewing the Caller List

with the Handset

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▼ or ▲.

- The most recent caller's information is displayed.

Ex. A caller's name, phone number received date/time are displayed.

```
John Miller
3456789
04.08 11:38
```

2 Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest.

- To scroll between callers, press and hold ▼ or ▲.

3 To exit the list, press C.

- The handset will return to the standby mode.

- If Caller List is empty, "No Stored Memory" is displayed in step 1. The display will return to the standby mode.
- If more than one call is received from the same caller, only the date and time of the most recent call will be stored.
- To call back with the caller list, see page 20.

with the Base Unit

1 Press ▼ or ▲.

- The most recent caller's information is displayed.

Ex. A caller's name, phone number received date/time are displayed.

```
John Miller
3456789
04.08 11:38
```
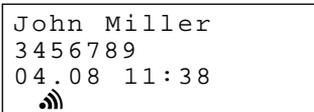
2 Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest.

- To scroll between callers, press and hold ▼ or ▲.

3 To exit the list, press C.

- The base unit will return to the standby mode.

- If Caller List is empty, "No Stored Memory" is displayed in step 1. The display will return to the standby mode.
- If more than one call is received from the same caller, only the date and time of the most recent call will be stored.
- To call back with the caller list, see page 22.

What "∨" means

When you have checked new calls, answered the call or called back the caller, "∨" will be added to the caller information.

<Handset display>

```
467890
27.04  07:10   ∨
 ⅄ ⫛                    ⬛⬛⬛
```

<Base unit display>

```
467890
27.04  07:10   ∨
  ⫛
```
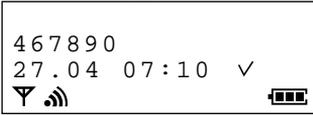
• When the same caller calls again, the call entry with "∨" will be deleted and replaced with the new call entry.

When viewing long telephone numbers

If an arrow (→) is displayed after the number, the whole telephone number has not been shown.

Press ③ **to see the remaining numbers.**

<Handset display>

```
123456789012345 →
27.04  15:30
 ⅄ ⫛                    ⬛⬛⬛
```

Press ③.

```
← 678
27.04  15:30
 ⅄ ⫛                    ⬛⬛⬛
```

<Base unit display>

```
123456789012345 →
27.04  15:30
  ⫛
```

Press ③.

```
← 678
27.04  15:30
  ⫛
```

28
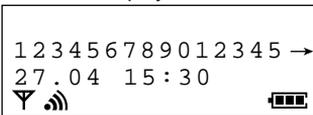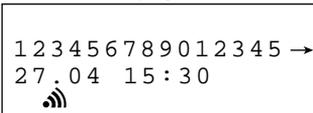
with the Handset
Editing the Caller's Phone Number

You can edit a phone number in the caller list. After editing the phone number, you can continue calling back or phonebook storing procedures.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press ▼ or ▲.**

- The most recent caller's information is displayed.

2 **Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest call until the arrow points to the caller information you desire to edit.**

3 **Press ▶.**

4 **Press ▼ or ▲ until the arrow points to "Edit For Call", then press ▶.**

5 **Edit the number with the keypad, ◀, ▶, or C.**

- Pressing C erases the digit to the left of the cursor.
- If a pause is required for dialling, press ◖●◗. A pause can be stored in a phone number counting as a digit (p. 48).

6 **Press 📞 to call back.**
   OR
   Press 🗏 to store the phone number into the phonebook, then while "Save Phonebook" is at the arrow, press 🗏. Follow steps 5 to 8 on Storing Caller List Information into the Phonebook (p. 31).

with the Base Unit
Editing the Caller's Phone Number

You can edit a phone number in the caller list. After editing the phone number, you can continue calling back.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press ▼ or ▲.**

- The most recent caller's information is displayed.

2 **Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest call until the arrow points to the caller information you desire to edit.**

3 **Press ▶.**

4 **Press ▼ or ▲ until the arrow points to "Edit For Call", then press ▶.**

5 **Edit the number with the keypad, ◀, ▶, or C.**

- Pressing C erases the digit to the left of the cursor.
- If a pause is required for dialling, press ◖●◗. A pause can be stored in a phone number counting as a digit (p. 48).

6 **Press 🔊 to call back.**

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with the Handset
Clearing Caller Information in the Caller List

You can clear selected or all caller information in the Caller List.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To clear a selected caller information in the caller list

1 **Press ▼ or ▲.**

  - The most recent caller's information is displayed.

2 **Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest call until the arrow points to the caller information you desire to clear.**

3 **Press ▶.**

4 **Press ▼ or ▲ until the arrow points to "Clear", then press ▶.**

  - "Clear ?" is displayed.

5 **Press ▼ or ▲ to select "YES", then press ▤.**

  - A beep sounds and "CLEARED" is displayed.
  - After a few seconds, the next caller information is displayed, or "No Stored Memory" is displayed if no more stored caller information in the Caller List. To return to the standby mode, press ✆ or wait for 60 seconds.

To clear all caller information in the caller list

1 **Press ▼ or ▲.**

  - The most recent caller's information is displayed.

2 **Press ▶.**

3 **Press ▼ or ▲ until the arrow points to "All Clear", then press ▶.**

  - "All Clear ?" is displayed.

4 **Press ▼ or ▲ to select "YES", then press ▤.**

  - A beep sounds and "CLEARED" is displayed.
  - After a few seconds, "No Stored Memory" is displayed and the handset will return to the standby mode.

with the Handset
Storing Caller List Information into the Handset Phonebook

You can store the Caller List information into the phonebook. You can categorise the caller information in the phonebook up to 9 categories, then you can select one of 3 display backlight colours and one of 20 ringer types for each private category–**Private Category Feature (p. 33).**
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press ▼ or ▲.**

- The most recent caller's information is displayed.

2 **Press ▼ repeatedly to search from the most recent call or press ▲ repeatedly to search from the oldest call until the arrow points to the caller information you desire to store.**

3 **Press ▶.**

4 **While "Save Phonebook" is at the arrow, press ▶.**

- The display shows the number of remaining phonebook items, then "<Enter name>".

```
■<Enter Name>
0123456789

📶                    📖 ▪▪▪
```
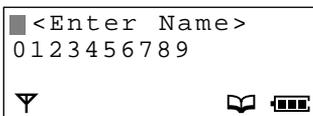
5 **Enter the name up to 16 characters with the keypad, ◀, ▶ or C.**

- To select characters, see page 35.
- If the phone number requires editing, press ▼ and see step 5 on page 29. When finished, press ▤ then go to step 7.

6 **Press ▤ twice.**

7 **Press ▼ or ▲ to select the desired private category number 1 to 9 or OFF, then press ▶.**

8 **While "Save" is at the arrow, press ▤.**

- A beep sounds and "Saved" is displayed.
- The display will return to caller list. You can continue the storing procedure begin with step 3. To return to the standby mode, press ✆ or wait for 60 seconds.

- If a pause is required for dialling, press ◉. A pause can be stored in a phone number counting as a digit (p. 48).
- You can exit the programming mode any time by pressing ✆.
- If the display shows "Memory Full" in step 3, the display will return to the standby mode. You must clear the other caller information in the phonebook (p. 38).

Phonebook

You can store up to 200 names and phone numbers in the handset phonebook. All phonebook items are automatically stored by the first word in alphabetical order.
If you receive a call from the same phone number you stored with name in the phonebook, the display will show the caller name and phone number (p. 26).
You can categorise the items in the handset phonebook up to 9 categories, then you can select one of 3 display backlight colours and one of 20 ringer types for each private category–**Private Category Feature (p. 33).** You can store names and phone numbers in the base phonebook up to 20 and record the audible caller ring for each item–**Audible Caller Ring Feature (p. 40)**
You can make a call with the phonebook (p. 39, 42).

with the Handset

Storing Names and Phone Numbers into the Handset Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "`New Phonebook`", then press ▶.

3 Press ▼ or ▲ until the arrow points to "`H/set Phonebook`", then press ▶.

- The display shows the number of remaining phonebook items, then "`<Enter Name>`".
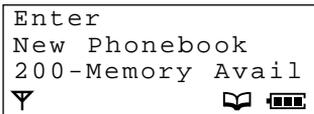
```
Enter
New Phonebook
200-Memory Avail
```
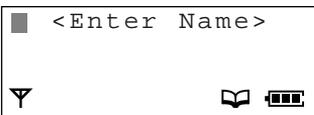
```
▓   <Enter  Name>
```

4 Enter a name up to 16 characters with the keypad, ◀, ▶ or C.

- To select characters, see page 35.

5 Press ▼.

- "`<Enter Phone No>`" is displayed.

```
John Miller
◀Enter  Phone  No>
```
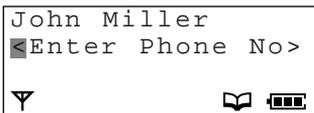
6 Enter a phone number, up to 24 digits.

- Pressing C erases the digit to the left of the cursor. To erase all digits, press and hold C.

7 Press ▤.

8 Press ▼ or ▲ to select the desired private category number 1 to 9 or OFF, then press ▶.

9 While "`Save`" is at the arrow, press ▤.

- A beep sounds and "`Saved`" is displayed.
- The display will return to "`<Enter Name>`". You can continue the storing procedure begin with step 4. To return to the standby mode, press ✆ or wait for 60 seconds.

- If a pause is required for dialling, press ⬤. A pause can be stored in a phone number counting as one digit (p. 48).
- You can exit the programming mode any time by pressing ✆.
- If the display shows "`Memory Full`" in step 2, the display will return to the standby mode. You must clear the other caller information in the phonebook (p. 38).

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with the Handset
Private Category Feature

When receiving a call, you can easily figure out a person in which category has called by selected display backlight colour and ringer type for each private category. We recommend you to write down the private category table (p. 34) for making the phonebook registration easier. This feature requires a Caller ID subscription (p. 26).
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To select the display backlight colour for the private category

You can select one of 3 display backlight colours, green, orange, or red for each category. The factory preset is green.

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.**

3 **Press ▼ or ▲ until the arrow points to "Display Option", then press ▶.**

4 **Press ▼ or ▲ until the arrow points to "Private color", then press ▶.**

5 **Press ▼ or ▲ to select the desired category, then press ▶.**
   • The current display backlight colour lights.

6 **Press ▼ or ▲ to select the display backlight colour.**
   • Each time you press ▼ or ▲, the display backlight colour will change and lights.
   Ex. Red is selected for the category 1.

```
 Private color
▶Red

 Ψ              ▦
```

7 **Press ▤.**
   • A beep sounds.
   • To return to the standby mode, press ✆ or wait for 60 seconds.

To select the ringer type for the private category

You can select one of 20 ringer types for each category. The factory preset is 1.

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.**

3 **Press ▼ or ▲ until the arrow points to "Ringer Option", then press ▶.**

4 **Press ▼ or ▲ until the arrow points to "Private Ring", then press ▶.**

5 **Press ▼ or ▲ to select the desired category, then press ▶.**
   • The telephone rings the selected ring type.

6 **Press ▼ or ▲ to select the ringer type.**
   • Each time you press ▼ or ▲, the ringer type will change.
   Ex. Ringer 1 is selected for the category 1.
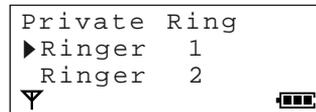
```
 Private  Ring
▶Ringer   1
 Ringer   2
 Ψ              ▦
```

7 **Press ▤.**
   • A beep sounds.
   • To return to the standby mode, press ✆ or wait for 60 seconds.

Chapter 2 Cordless Telephone

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Private Category Table
For example

Private Category	Display Backlight Colour			Ringer Type	Memo
	Green	**Orange**	**Red**		
1	✓			3	Friends

Private Category	Display Backlight Colour			Ringer Type	Memo
	Green	**Orange**	**Red**		
1					
2					
3					
4					
5					
6					
7					
8					
9					
OFF					

with the Handset
Selecting Characters

The keypad can be used to enter letters and character symbols. The letters are printed on the keypad. Pressing each button selects a character as shown on page 36 and 37.

To change the character mode

You can select one of 6 character modes by pressing ⌞🕮⌟ during entering a name procedure. The factory preset is "ABC".

1 Press ⌞🕮⌟ while entering a name.

```
■ <Enter Name>

Y                    🕮 ▭
```

2 Press ▼ or ▲ until the arrow points

  to the desired character mode, then press ☰.

  • The character mode is displayed.

```
▶ABC
 0-9
 ABΓ
Y                    🕮 ▭
```

ABC: Alphabet (Capital/lower*)	AБВ : Russian
0–9: Numeric	SŚŠ : Extended 2 (Capital/lower*)
ABΓ: Greek	AÄÅ: Extended 1 (Capital/lower*)
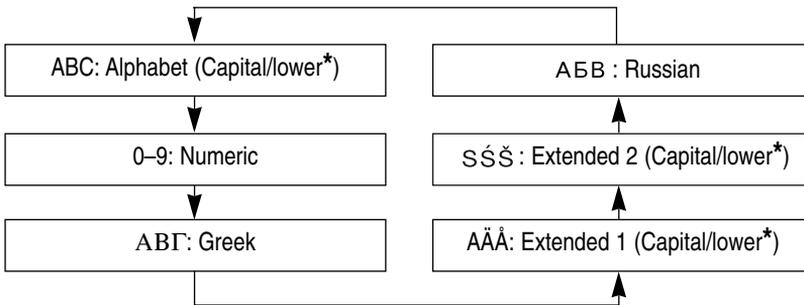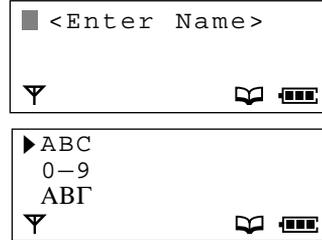
*To change between capital to lower case, press ⍟. Each time you press ⍟, the mode will change.

For example, to enter "Anne":

1. Press ② then ▶. | A█ |
2. Press ⍟ then ⑥ TWICE. | An |
3. Press ▶ then ⑥ TWICE. | Ann |
4. Press ③ TWICE. | Anne |
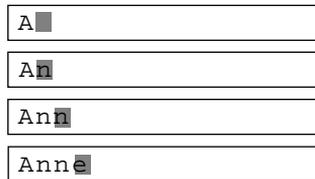
If you make a mistake while entering a name

Press ▶ or ◀ to move the cursor to the right of incorrect character, press ⓒ to delete, and enter the correct character. Pressing ⓒ erases the character to the left of the cursor. To erase all characters, press and hold ⓒ.

Character Table

Buttons	ABC (Alphabet)	0–9 (Numeric)	ΑΒΓ (Greek)	AÄÅ (Extended 1)
1	# & ' ( ) ∗ , – . /	1	# & ' ( ) ∗ , – . /	# & ' ( ) ∗ , – . /
	# & ' ( ) ∗ , – . /	1	# & ' ( ) ∗ , – . /	# & ' ( ) ∗ , – . /
2	A B C	2	ΑΒΓ	A À Á Â Ã Ä Å Æ B C Ç
	a b c	2	ΑΒΓ	a à á â ã ä å æ b c ç
3	D E F	3	ΔΕΖ	D E È É Ê Ë Ẽ F
	d e f	3	ΔΕΖ	d e è é ê ë ẽ f
4	G H I	4	ΗΘΙ	G Ğ H I Ì Í Î Ï Ĩ I
	g h i	4	ΗΘΙ	g ğ h i ì í î ï ĩ ı
5	J K L	5	ΚΛΜ	J K L
	j k l	5	ΚΛΜ	j k l
6	M N O	6	ΝΞΟ	M N Ñ O Ò Ó Ô Õ Ö Ø
	m n o	6	ΝΞΟ	m n ñ o ò ó ô õ ö ø
7	P Q R S	7	ΠΡΣ	P Q R S Ş ß
	p q r s	7	ΠΡΣ	p q r s ş ß
8	T U V	8	ΤΥΦ	T U Ù Ú Û Ü Ũ V
	t u v	8	ΤΥΦ	t u ù ú û ü ũ v
9	W X Y Z	9	ΧΨΩ δ	W X Y Z
	w x y z	9	ΧΨΩ δ	w x y z
0	blank	0	blank	blank
	blank	0	blank	blank
◄	To move the cursor ▪ to the left.			
►	To move the cursor ▪ to the right. (To enter another character using the same keypad, move the cursor to the next space.)			
C	To erase characters.			
✱	To shift from capital to lower case, press **✱**. Each time you press **✱**, the mode will change.			

Character Table

Buttons	SŚŠ (Extended 2)	АБВ (Russian)
1	# & ' ( ) ∗ , – . /	# & ' ( ) ∗ , – . /
	# & ' ( ) ∗ , – . /	# & ' ( ) ∗ , – . /
2	A Á Ä Ą B C Ć Č	А Б В Г
	a á ä Ą b c Ć Č	А Б В Г
3	D Ď E É Ę Ě F	Д Е Ж З
	d Ď e é Ę Ě f	Д Е Ж З
4	G H I Í	И Й К Л
	g h i Í	И Й К Л
5	J K L Ł Ĺ Ľ	М Н О П
	j k l Ł Ĺ Ľ	М Н О П
6	M N Ń Ň O Ó Ö Ő	Р С Т У
	m n Ń Ň o ó ö Ő	Р С Т У
7	P Q R Ŕ Ř S Ś Š	Ф Х Ц Ч
	p q r Ŕ Ř s Ś Š	Ф Х Ц Ч
8	T Ť Ú Ü Ű V	Ш Щ Ъ Ы
	t Ť ú ü Ű v	Ш Щ Ъ Ы
9	W X Y Ý Z Ź Ż Ž	Ь Э Ю Я
	w x y ý z Ź Ż Ž	Ь Э Ю Я
0	blank	blank
	blank	blank

The following small letters of Greek, Russian (Cyrillic), Polish, Czech and Slovakian are not available.
Then same letter as Capital will be displayed.

ą ć č ď ę ě ł ĺ ľ ń ň ŕ ř ş ś š ť ź ż ž

with the Handset
Editing an Item in the Handset Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ⬛ to enter the handset phonebook.

 • The first item is displayed.

2 Press ▼ or ▲ until the arrow points to the item you desire to edit.

 • You can also find a name by initial (p. 39).
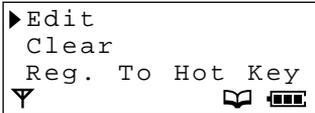
3 Press ▶.

```
▶Edit
 Clear
 Reg. To Hot Key
 ▼              ▭ ▥
```

4 While "Edit" is at the arrow, press ▶.

 • If you do not need to change the name, go to step 6.

5 Edit the name up to 16 characters with the keypad, ◀, ▶ or C (p. 35).

6 Press ▼.

 • If you do not need to change the number, go to step 8.

7 Edit the number with the keypad ◀, ▶ or C.

 • Pressing C erases the digit to the left of the cursor. To erase all digits, press and hold C.

8 Press ▤.

9 Press ▼ or ▲ to select the desired category number 1 to 9 or OFF, then press ▶.

10 While "Save" is at the arrow, press ▤.

 • A beep sounds and "Saved" is displayed.
 • To return to the standby mode, press ✆ or wait for 60 seconds.

Clearing an Item in the Handset Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ⬛ to enter the handset phonebook.

 • The first item is displayed.

2 Press ▼ or ▲ until the arrow points to the item you desire to clear.

 • You can also find a name by initial (p. 39).

3 Press ▶.

4 Press ▼ or ▲ until the arrow points to "Clear", then press ▶.

 • "Clear ?" is displayed.

5 Press ▼ or ▲ to select "YES", and press ▤.

 • A beep sounds and "CLEARED" is displayed.
 • After a few seconds, the display will show the next caller information.
 • To return to the standby mode, press ✆ or wait for 60 seconds.

with the Handset
Finding an Item in the Handset Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To find a name by pressing ▼ or ▲

1 Press ▭ to enter the handset **phonebook.**

• The first item is displayed.

2 Press ▼ or ▲ until the name you **desire to find is displayed.**

• All phonebook items are sorted in the following order.

Press ▼.   Press ▲.

Alphabet letter

Symbol

Number

Telephone number (When a name is not stored)
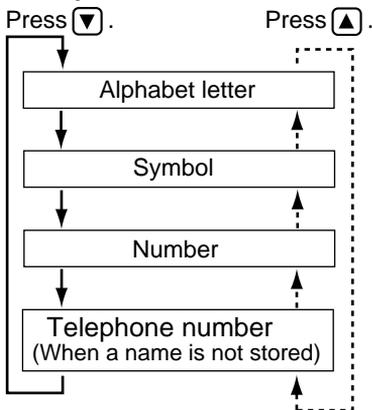
• To exit the phonebook, press ✳⊙ .

To find a name by initial

1 Press ▭ to enter the phonebook.

• The first item is displayed.

2 Press the keypad for the first letter of **the name you desire to find until any name with the same initial is displayed.**

• The letters are printed on the keypad.

Ex. To find "Felix", press **3** repeatedly until the caller information begin with "F" is displayed.

3 Press ▼ until the name you desire to **find is displayed.**

• To exit the phonebook, press ✳⊙ .

• If the phonebook is empty "No Stored Memory" is displayed in step 1. The handset will return to the standby mode.

Making a Call with the Handset Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Follow steps on Finding an Item in the Handset Phonebook to find the name you desire to **call.**

2 Press 🔽 or 📢 .

• The selected phone number is automatically dialled.

3 To hang up, press ✳⊙ or place the handset on the base unit.

Audible Caller Ring Feature

When receiving a call, you can easily figure out who is calling with this feature. For example, if you store the phone number with name of John Miller into the base unit phonebook and record an audible caller ring as "Mr. Miller", you can hear recorded sound after ringing when receiving a call from the same phone number you stored into the base unit phonebook. This feature requires Caller ID subscription. See page 56 for setting the audible caller ring ON/OFF.

with the Handset
Storing Names and Phone Numbers into the Base Unit Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "New Phonebook", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Base Phonebook", then press ▶.

• The display shows the number of remaining phonebook items, then "<Enter Name>".
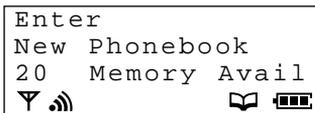
```
Enter
New  Phonebook
20   Memory  Avail
Y ))                    ▭ ▭▭▭
```
```
■   <Enter  Name>

Y ))                    ▭ ▭▭▭
```
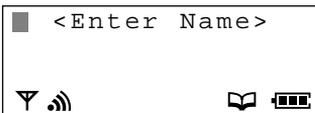
4 Enter a name up to 16 characters with the keypad, ◀, ▶ or C.

• To select characters, see page 35.

5 Press ▼.

• "<Enter Phone No>" is displayed.

```
John  Miller
◀Enter  Phone  No>

Y ))                    ▭ ▭▭▭
```
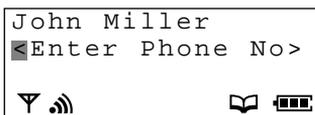
6 Enter a phone number, up to 24 digits.

• Pressing C erases the digit to the left of the cursor. To erase all digits, press and hold C.

7 Press ▤.

8 Press ▶ to select "Start", then start recording after a long beep. When finish recording, press ▶.

• We recommend you to record as briefly as possible (less than 3 seconds).
• If you do not need to record, select "Skip" or "No sound", then press ▶.

9 While "Save" is at the arrow, press ▤.

• A beep sounds and "Saved" is displayed.
• The display will return to "<Enter Name>". You can continue the storing procedure begin with step 4. To return to the standby mode, press ✆ or wait for 60 seconds.

• If a pause is required for dialling, press ⬤. A pause can be stored in a phone number counting as one digit (p. 48).
• You can exit the programming mode any time by pressing ✆.
• If the display shows "Memory Full" in step 2, the display will return to the standby mode. You must clear the other caller information in the phonebook (p. 41).

with the Handset
Editing an Item in the Base Unit Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▣ **twice to enter the base unit phonebook.**

• The first item is displayed.

2 Press ▼ **or** ▲ **until the arrow points to the item you desire to edit.**

3 Press ▶.

```
▶Edit
 Clear
 Audible Call
 ￀.ꬉ              ▱ ▥
```

4 While "Edit" **is at the arrow, press** ▶.

• If you do not need to change the name, go to step 6.

5 Edit the name up to 16 characters with the keypad, ◀, ▶ **or** C **(p. 35).**

6 Press ▼.

• If you do not need to change the number, go to step 8.

7 Edit the number with the keypad ◀, ▶ **or** C.

• Pressing C erases the digit to the left of the cursor. To erase all digits, press and hold C.
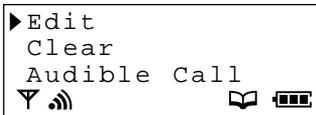
8 Press ▤.

9 Press ▶ **to select** "Start"**, then start recording after a long beep. When finish recording, press** ▶.

• If you do not need to record then select "Skip", forwarded sound remains if recorded.

• If you do not need to record then select "No Sound", forwarded sound is erased if recorded.

10 While "Save" **is at the arrow, press** ▤.

• A beep sounds and "Saved" is displayed.

• To return to the standby mode, press ✆⊙ or wait for 60 seconds.

Clearing an Item in the Base Unit Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▣ **twice to enter the base unit phonebook.**

• The first item is displayed.

2 Press ▼ **or** ▲ **until the arrow points to the item you desire to clear.**

3 Press ▶.

4 Press ▼ **or** ▲ **until the arrow points to** "Clear"**, then press** ▶.

• "Clear ?" is displayed.

5 Press ▼ **or** ▲ **to select** "YES"**, and press** ▤.

• A beep sounds and "CLEARED" is displayed.

• After a few seconds, the display will show the next item.

• To return to the standby mode, press ✆⊙ or wait for 60 seconds.

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with the Handset

Playback an Audible Caller Ring

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** [📖] **twice to enter the base unit phonebook.**

- The first item is displayed.

2 **Press** [▼] **or** [▲] **until the arrow points to the item you desire to playback.**

3 **Press** [▶].

```
▶Edit
 Clear
 Audible Call
 ▼ ))             □ ▭
```
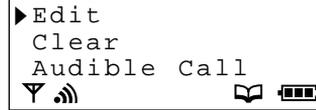
4 **Press** [▼] **or** [▲] **until the arrow points to** "Audible Call", **then press** [≡].

- A recorded audible caller ring sounds.

Finding an Item in the Base Unit Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** [📖] **twice to enter the base unit phonebook.**

- The first item is displayed.

2 **Press** [▼] **or** [▲] **until the name you desire to find is displayed.**

- To exit the phonebook, press [C] or [✗☉].

Making a Call with the Base Unit Phonebook

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Follow steps on Finding an Item In the Base Unit Phonebook to find the name you desire to call.**

2 **Press** [📞] **or** [📢].

- The selected phone number is automatically dialled.

3 **To hang up, press** [✗☉] **or place the handset on the base unit.**

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with the Base Unit
Finding an Item in the Base Unit Phonebook

1 **Press** ▤ **.**

- The first item is displayed.
- If the phonebook is empty, "No Stored Memory" is displayed.

2 **Press** ▼ **or** ▲ **until the name you desire to find is displayed.**

- You can find a name by initial also. Follow steps 2 and 3 of To find a name by initial on page 39.
- To exit the phonebook, press **C**.

Making a Call with the Base Unit Phonebook

1 **Follow steps on Finding an Item in the Base Unit Phonebook to find the name you desire to call.**

2 **Press** ⟨🕪⟩ **.**

- The selected phone number is automatically dialled.

3 **To hang up, press** ⟨🕪⟩ **.**

with the Handset
Hot Key Dial

The keypad 1 to 9 function as one-touch dials. You can assign up to 9 caller's information in the phonebook as hot key dial. This information can be assigned to keypad 1 to 9.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To store an item as hot key dial

1 **Follow steps on Finding an Item in the Handset Phonebook (p. 39), then press** ▶.

2 **Press** ▼ **or** ▲ **until** "Reg. To Hot Key" **is displayed, and press** ▶.

```
Reg. To Hot Key
▶  Key 1
   Key 2
Ψ              📖 ▪▪▪
```
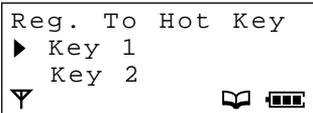
- If already stored, "∨" will be displayed on the left of the hot key number.

3 **Press** ▼ **or** ▲ **to select a hot key number, then press** ▶.

4 **Press** ▼ **or** ▲ **until** "Save" **is displayed.**
OR
If the hot key number with "∨**" is selected, press** ▼ **or** ▲ **until** "Overwrite" **is displayed.**

5 **Press** ▤.

- A beep sounds and "Saved" is displayed.
- After a few seconds, the display will show the next caller information.
- To return to the standby mode, press �⊙ or wait for 60 seconds.

To make a call with hot key dial

1 **Press and hold a hot key number 1 to 9.**

- The stored caller information is displayed.

2 **Press** 📞 **or** 🔊.

- The number is automatically dialled.

3 **To hang up, press** ✆⊙.

To clear a caller information in the hot key dial

1 **Press and hold a hot key number 1 to 9.**

- The stored caller information is displayed.

2 **Press** ▶.

3 **Press** ▼ **or** ▲ **until the arrow points to** "Clear"**, then press** ▶.

- "Clear ?" is displayed.

4 **Press** ▼ **or** ▲ **to select** "Yes"**, then press** ▤.

- A beep sounds and "CLEARED" is displayed.
- "No Stored Memory" is displayed if clear all hot key dial.

with the Handset
Phonebook Copy

You can copy the item in the handset phonebook between the handsets registered in the same base unit. The phonebook copy must be operated in intercom mode (p. 98).
Ex. Handset 2 is copying the handset phonebook to Handset 1 during an intercom call.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To copy a selected item in the handset phonebook

Handset 1 (Receiver):

1 **During an intercom call, press ▤.**

2 **Press ▼ or ▲ until the arrow points to "Recv Phonebook", then press ▤.**
   • "Copy Proceeding" is on the display.

• If "Memory Full" is displayed, the receiver handset memory is full.

Handset 2 (Sender):

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to "Send Phonebook", then press ▶.**
   • The phonebook is displayed.

3 **Press ▼ or ▲ until the name you desire to copy is displayed, then press ▶.**

4 **Press ▼ or ▲ until the arrow points to "Copy Entry", then press ▤.**
   • "Copy Proceeding" is on the display with beep sound and the selected information is copied.
   • After copying is completed, a beep sounds and "Copy Complete" is displayed.
   • After a few seconds, the display will return to the intercom call.

• If "Memory Full" is displayed, the receiver handset memory is full.
• If "Copy Failure" is displayed, the receiver and/or sender did not prepare for copying within 60 seconds.

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with the Handset

To copy all items in the handset phonebook
Make sure that the power is ON (p. 15) and the unit is in the standby mode.

Handset 1 (Receiver):

1 **During an intercom call, press ▤.**

2 **Press ▼ or ▲ until the arrow points to** "Recv Phonebook"**, then press ▤.**

• "Copy Proceeding" is on the display.

Handset 2 (Sender):

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to** "Send Phonebook"**, then press ▶.**

• The phonebook is displayed.

3 **Press ▶. Press ▼ or ▲ until the arrow points to** "Copy Forward"**, then press ▤.**

• "Copy Proceeding" is on the display and all forwarded information in the phonebook is copied.

• After copying is completed, a long beep sounds and "Copy Complete" is displayed.

• After a few seconds, the display will return to intercom call.

• If "Copy Incomplete" is displayed, the receiver handset memory is full.

• If "Copy Failure" is displayed, the receiver and/or sender did not prepare for copying within 60 seconds.

with the Handset
To copy an item in the handset phonebook to the base unit phonebook

You can copy an item in the handset phonebook to the base unit phonebook. Up to 20 items can be stored in the base unit phonebook.
Make sure that the power is ON (p. 15) and the unit is in the standby mode.

1 **Press (INT) then ▤.**

• "Copy to Base" is displayed.

```
▶Copy to Base
 Go Back
 ⓎⓂ                        ▭
```
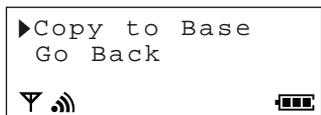
2 **While** "Copy to Base" **is at the arrow, press ▶.**

• The first item in the handset phonebook is displayed.

```
John Miller
87654321
ⓎⓂ                   📖 ▭
```
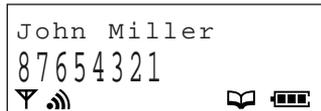
3 **Press ▼ or ▲ until the arrow points to the item you desire to copy is displayed, then press ▤.**

• "Copy Proceeding" is on the display and the selected information is copied.
• After copying is completed, a long beep sounds and "Copy Complete" is displayed.

• If "Copy Incomplete" is displayed, the base unit memory is full.

Special Features

Pause Feature
(For Analogue PBX Line/Long Distance Service Users)

We recommend you to insert "Pause" if a pause is required for dialling with a PBX or to access a long distance service. See page 72 for selecting the pause timing.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

Ex. Line access number ⑨ (PBX)

with the Handset/Base Unit

⑨ ➡ (◯●) ➡ **Phone number**

 OR

with the Handset

1 **Press** 📞 **then** ⑨**.**

```
9
```

2 **Press** 📋 **and press** ▶ **to select** "Pause"**.**

```
▶Pause
 Go Back
```

3 **Enter a phone number**.

```
9P1234567▮
```
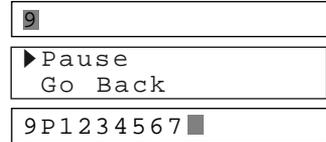
- Selecting "Pause" creates a pause. "P" is displayed.
  This prevents misdialling when you redial or dial a stored number.
- Selecting "Pause" more than once increases the length of the pause between numbers.

Key Lock

You can lock the handset keypad. Only incoming calls are accepted while the key lock is ON .

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To set the key lock

 Press and hold 📋 **until a beep sounds.**

- "[X]" is displayed and all keypads are locked.

```
Base 1      [X]
10 New Calls
  06.09 16:04
Y              ▰▰▰
```
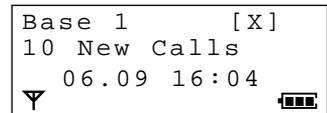
To cancel the key lock

 Press and hold 📋 **for about 2 seconds.**

- "[X]" will disappear and the key lock will be cancelled.
- The key lock will also be cancelled when the power is OFF (p. 15).
- When the key lock is ON, emergency calls can not be made until the key lock is cancelled.

Recall Feature

$\boxed{\text{R}}$ is used to access special telephone services (optional) such as call waiting. Contact your telephone company for details.

• Users in Australia can access Telstra's "EASY CALL" service by having therecall time set at 100msec (this is the factory default setting), and then followTelstra's "EASY CALL" instructions to operate this service.

• If you are connected via a PBX, a longer or shorter recall time may be necessary to use PBX functions (transferring a call etc.). Consult your PBX supplier for the correct setting.

Call Waiting and Caller ID Compatible

If you subscribe to Caller ID and Call Waiting service, your handset displays a second caller's information while talking. After you hear a second caller waiting tone, the caller's phone number and "CALL WAITING" will be displayed.
You can answer the second call, keeping the first call on hold.

• If the phone number is stored in the phonebook, the caller's name will be displayed (p. 32).

• Please consult your telephone company for details and available in your area.

Summary of Programmable Functions on the Handset

You can program the following function items **using the handset near the base unit**.
See the corresponding pages for function details.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

<Standby mode>

```
Base 1
 2 New Calls
  03.08 21:06
 Y               ▭▭▭
```

Press ▤.

<Function menu>

```
 New Phonebook
▶Setting Handset
 Setting Base
 Y               ▭▭▭
```

Press ▶.

- If new message(s) is/are recorded, the function menu will show as follows.

```
 Play New Msg
 New Phonebook
 Setting Handset
 Setting Base
```

<Function menu>

```
Time Alarm

Ringer Option

Tone Option

Display Option

Call Option

Other Option

Registration

Select Base ··············· To select the base unit
                           access (p. 96)

Reset Handset ········ To clear the handset
                       settings (p. 65)
```

50

<Function menu>

▶Set Alarm Time ····· **To set the alarm time (p. 53)**
　Alarm ON/OFF ········· **To set the alarm ON/OFF (p. 53)**

▶Ringer Volume ······· **To select the handset ringer volume (p. 55)**
　Ext Ring Type ········· **To select the ringer type for external call (p. 55)**
　Int Ring Type ········· **To select the ringer type for internal call (p. 55)**
　Paging Type ············· **To select the ringer type for paging (p. 25)**
　Alarm Type ·············· **To select the ringer type for time alarm (p. 54)**
　Private Ring ············ **To select the ringer type for private category (p. 33)**
　Audible Ringer········· **To set the audible caller ring ON/OFF (p. 56)**

▶Key Tone ON/OFF ······ **To set the key tone ON/OFF (p. 57)**
　Call Waiting ··········· **To set the call waiting tone ON/OFF (p. 57)**
　Range Alarm ············ **To set the range warning alarm ON/OFF (p. 58)**
　Battery Alarm········· **To set the battery low alarm ON/OFF (p. 58)**

▶Standby Display ······ **To select the standby mode display (p. 59)**
　Talk Display ··········· **To select the talk mode display (p. 60)**
　Select Language ······ **To select the display language (p. 61)**
　Backlight Color ······ **To select the display backlight colour (p. 61)**
　Private Color ········· **To select display backlight colour for private category (p. 33)**

▶Call Bar ················· **To set the call prohibition mode ON/OFF (p. 62)**
　Direct Call No. ······ **To set the direct call number (p. 63)**
　Direct ON/OFF ········· **To set the direct call mode ON/OFF (p. 63)**

▶Change Hset PIN ······ **To change the 4-digit handset PIN (p. 52)**
　Auto Talk ··············· **To set the auto talk feature ON/OFF (p. 21)**
　Battery Type ··········· **To select the battery type (p. 64)**

▶Register H/set ······· **To register a handset in the base unit (p. 95)**
　Cancel Base ············· **To cancel the base unit (p. 97)**

Handset PIN

with the Handset
Changing the 4-digit Handset PIN

You can program a 4-digit handset PIN (Personal Identification Number). The factory preset is 0000. Changing the PIN may prevent the unauthorized use of your unit by another person.

Once you have programmed the 4-digit Handset PIN, you cannot confirm it. We recommend you to write down your 4-digit Handset PIN. If you forget it, please consult with Panasonic's Customer Care Centre.

You need to enter the 4-digit handset PIN for the following functions.
— To set the call prohibition mode ON/OFF (p. 62).
— Reset Handset Settings (p. 65).
— To cancel the base unit (p. 97).

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** ▤ **.**

2 **Press** ▼ **or** ▲ **until the arrow points to** "Setting Handset"**, then press** ▶**.**

3 **Press** ▼ **or** ▲ **until the arrow points to** "Other Option"**, then press** ▶**.**

4 **Press** ▼ **or** ▲ **until the arrow points to** "Change Hset PIN"**, then press** ▶**.**

```
Enter Old PIN
            :____

 ⅄                    ▥
```
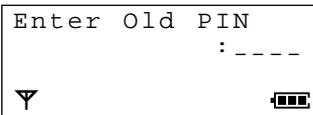
5 **Enter the current 4-digit handset PIN.**
- The factory preset is 0000.

6 **Enter the new 4-digit handset PIN TWICE.**

- If you misdial, press ⬚C⬚. Digits are erased from the right. To erase all digits, press and hold ⬚C⬚.

1st
```
Enter New PIN
            :____

 ⅄                    ▥
```

2nd
```
Verify New PIN
            :____

 ⅄                    ▥
```
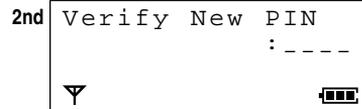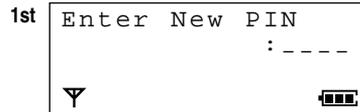
- A beep sounds.
- To return to the standby mode, press ⬚☓₀⬚ or wait for 60 seconds.

- If 5 beeps sound in step 5, the entered 4-digit handset PIN is incorrect. Enter the correct PIN.

4-digit handset PIN

Time Alarm ➡

The handset will sound an alarm at a preset time for 30 seconds just for once or repeated daily. You can also select the ringer type for time alarm (p. 54). If you select the melody for time alarm, the handset will sound longer (It depends on the ringer type). You must set the date and time before setting the alarm time (p. 18).

with the Handset

Setting the Alarm Time

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Time Alarm", then press ▶.

4 Press ▼ or ▲ until the arrow points to "Set Alarm Time", then press ▶.
 • The current setting is displayed on the 2nd line.

```
<Enter Time>
■_:__
 Ψ                    ▭
```
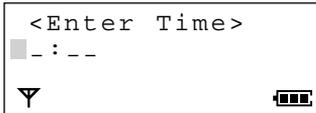
5 Enter the desired time (hour and minute) using a 4-digit number (24-hour time), then press ▤.

Ex: To set 06:30, enter "0630".

```
<Enter Time>
06:30
 Ψ                    ▭
```
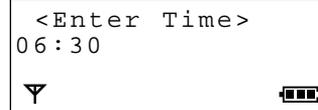
6 While "Save" is at the arrow, press ▶.

7 Press ▼ or ▲ to select "Once" or "Repeat Daily".

8 Press ▤.
 • A beep sounds.
 • The display will return to "Time Alarm". To return to the standby mode, press ✶ ⓞ or wait for 60 seconds.

Setting the Time Alarm OFF

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Follow steps 1 to 3 on Setting the Alarm Time.

2 Press ▼ or ▲ until the arrow points to "Alarm ON/OFF", then press ▶.

3 Press ▼ or ▲ to select "OFF", then press ▤.
 • A beep sounds.
 • The display will return to "Time Alarm". To return to the standby mode, press ✶ ⓞ or wait for 60 seconds.

53

with the Handset
Selecting the Ringer Type for Time Alarm

You can select one of 20 ringer types for the time alarm. The factory preset is type 1.
**Make sure the the power is ON (p.15), and the unit is in the standby mode.**

1 Press ▤.

2 Press ▼ or ▲ until the arrow points
to "Setting Handset", then press
▶.

3 Press ▼ or ▲ until the arrow points
to "Ringer Option", then press ▶.

4 Press ▼ or ▲ until the arrow points
to "Alarm Type", then press ▶.

• The arrow points to the current setting.

```
Alarm Type
▶Ringer 1
 Ringer 2
 ⟁              ▪▪▪▪
```
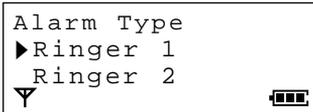
5 Press ▼ or ▲ to select the desired
ringer type.

• Each time you press a button, the selected
ringer type sounds.

6 Press ▤.

• A beep sounds.
• The display will return to "Alarm Type".
To return to the standby mode, press
⟨✆⟩ or wait for 60 seconds.

• You can exit the programming mode any time
by pressing ⟨✆⟩.

To stop the time alarm

**When the alarm sounds and "Time Alarm" is displayed, press any keypad ⟨0⟩ to ⟨9⟩, ⟨✱⟩,
⟨▯⟩ or ⟨✆⟩.**

• After 30 seconds, the alarm will stop ringing and the display returns to the standby mode.
• If "Once" is selected, the setting is automatically turned off. If "Repeat Daily" is selected, the
setting remains and the alarm will repeatedly sound at the set time.
• If the unit is in the talk, speakerphone or intercom mode during the alarm time, the alarm will not
sound. After finishing a conversation, the alarm will start ringing.
• If the alarm sounds during charging, the alarm will stop ringing when you lift the handset from the
cradle.

Ringer Option

In "Ringer Option" menu, **Selecting the ringer type for paging (p. 25), To select the ringer type for private category (p. 33),** and **Selecting the ringer type for time alarm (p. 54)** are also available.

with the Handset
Selecting the Handset Ringer Volume/Type

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To select the handset ringer volume

7 levels are available. The lowest level is 1. The highest level is 6. The factory preset is 3. When set to OFF, the handset will not ring.

1 Press ▤.

2 Press ▼ or ▲ **until the arrow points to** "Setting Handset", **then press** ▶.

3 Press ▼ or ▲ **until the arrow points to** "Ringer Option", **then press** ▶.

4 Press ▼ or ▲ **until the arrow points to** "Ringer Volume", **then press** ▶.

• The arrow points to the current setting.

5 Press ▼ or ▲ **to select the desired level.**

• Each time you press ▼ or ▲, the selected volume is displayed and rings. Ex. Level 6 is selected.

```
Ringer Volume
 LOW ▬▬■■■■■  HIGH
 ⟁                  ▰▰▰
```

• To set to OFF, erase "■" by pressing ▼ until "OFF" is displayed.

6 Press ▤.

• A beep sounds.
• The display will return to "Ringer Volume". To return to the standby mode, press ⚹⊙ or wait for 60 seconds.
• When set to OFF, "Ring Off" will be displayed.

To select the handset ringer type for external/internal call

You can select one of 20 ringer types for each external and internal call. The factory preset is type 1.

1 **Follow steps 1 to 3 of To select the handset ringer volume.**

2 Press ▼ or ▲ **to select** "Ext Ring Type" **for external call.**
OR
Press ▼ or ▲ **to select** "Int Ring Type" **for internal call.**

3 Press ▶.

• The arrow points to the current setting.
Ex. "Ext Ring Type" is selected.

```
Ext Ring Type
▶Ringer 1
 Ringer 2
 ⟁                  ▰▰▰
```

4 Press ▼ or ▲ **to select the desired type.**

• Each time you press a button, the selected ringer type sounds.

5 Press ▤.

• A beep sounds.
• The display will return to step 2. To return to the standby mode, press ⚹⊙ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ⚹⊙.

with the Handset
Setting the Audible Caller Ring at Handset ON/OFF

The factory preset is OFF. This setting is for Handset only. If you desire to set the audible caller ring on the base unit OFF, you must set the base unit ringer volume OFF (p. 70).
**Make sure that the power is ON (p. 15), and the unit is in the standby mode.**

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", **then press** ▶.

3 Press ▼ or ▲ until the arrow points to "Ringer Option", **then press** ▶.

4 Press ▼ or ▲ until the arrow points to "Audible Ringer", **then press** ▶.

• The arrow points to the current setting.

5 Press ▼ or ▲ to select "ON" or "OFF".

6 Press ▤.

• A beep sounds.
• The display will return to "Audible Ringer". To return to the standby mode, press ☎ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ☎.

Tone Option ➡

with the Handset
Setting the Key Tone ON/OFF

You can choose whether or not the handset keys will sound (key tone).
The factory preset is ON.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Tone Option", then press ▶.

4 While "Key Tone ON/OFF" is at the arrow, then press ▶.
- The arrow points to the current setting.

5 Press ▼ or ▲ to select "ON" or "OFF".

6 Press ▤.
- If ON is selected, a beep sounds.
- The display will return to "Key Tone ON/OFF". To return to the standby mode, press ✳ ⊙ or wait for 60 seconds.

- You can exit the programming mode any time by pressing ✳ ⊙.

Setting the Call Waiting Tone ON/OFF

If an incoming call has been received during an intercom, a call waiting tone sounds. The factory preset is ON.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Tone Option", press ▶.

4 Press ▼ or ▲ until the arrow points to "Call Waiting", then press ▶.
- The arrow points to the current setting.

5 Press ▼ or ▲ to select "ON" or "OFF".

6 Press ▤.
- A beep sounds.
- The display will return to "Call Waiting". To return to the standby mode, press ✳ ⊙ or wait for 60 seconds.

- You can exit the programming mode any time by pressing ✳ ⊙.

with the Handset
Setting the Range Warning Alarm ON/OFF

The factory preset is OFF.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Tone Option", then press ▶.

4 Press ▼ or ▲ until the arrow points to "Range Alarm", then press ▶.
• The arrow points to the current setting.

5 Press ▼ or ▲ to select "ON" or "OFF".

6 Press ▶.
• A beep sounds.
• The display will return to "Range Alarm". To return to the standby mode, press ⁕☉ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ⁕☉.

Setting the Battery Low Alarm ON/OFF

The factory preset is ON.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Tone Option", then press ▶.

4 Press ▼ or ▲ until the arrow points to "Battery Alarm", then press ▶.
• The arrow points to the current setting.

5 Press ▼ or ▲ to select "ON" or "OFF".

6 Press ▶.
• A beep sounds.
• The display will return to "Battery Alarm". To return to the standby mode, press ⁕☉ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ⁕☉.

Display Option ➡

In "`Display Option`" menu, **To select the display backlight colour for the private category (p. 33)** is also available.

with the Handset

Selecting the Standby Mode Display

You can select whether to display the currently connected base unit number, handset number or no display in the standby mode. The factory preset is the base unit number.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** ▤ **.**

2 **Press** ▼ **or** ▲ **until the arrow points to** "`Setting Handset`"**, then press** ▶ **.**

3 **Press** ▼ **or** ▲ **until the arrow points to** "`Display Option`"**, then press** ▶ **.**

4 **While** "`Standby Display`" **is at the arrow, press** ▶ **.**

• The arrow points to the current setting.

5 **Press** ▼ **or** ▲ **to select** "`Base Number`"**,** "`Handset Number`" **or** "`OFF`"**, then press** ▤ **.**

• A beep sounds.
• The display will return to "`Standby Display`". To return to the standby mode, press ✳⊙ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ✳⊙ .

Ex. "`Base Number`" is selected.

```
Base 1
10 New Calls
   25.04 15:00
Ψ              ▥
```

Ex. "`Handset Number`" is selected.

```
INT.1
10 New Calls
   25.04 15:00
Ψ              ▥
```

Ex. "`OFF`" is selected.

```
10 New Calls
   25.04 15:00
Ψ              ▥
```

Programmable Functions on the Handset

with the Handset
Selecting the Talk Mode Display

You can select whether to display the length of the call or the dialled telephone number while in the talk mode. The factory preset is set to show the length of the call.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Handset", **then press** ▶.

3 Press ▼ or ▲ until the arrow points to "Display Option", **then press** ▶.

4 Press ▼ or ▲ until the arrow points to "Talk Display", **then press** ▶.

"Talk Time": Length of the call
"Phone No.": Dialled phone number
• The arrow points to the current setting.

5 Press ▼ or ▲ to select "Talk Time" or "Phone No.", **then press** ▤.

• A beep sounds.
• The display will return to "Talk Display". To return to the standby mode, press ✆⊙ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ✆⊙.

During a conversation, the display will be as follows.

"Talk Time" is selected.
(Ex. 1 hour, 30 minutes, 40 seconds.)

```
     01-30-40
 ⅄    ☎           ▪▭▭
```
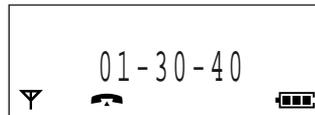
"Phone No." is selected.
(Ex. 123-456-7890)

```
 1234567890
 ⅄    ☎           ▭▭
```

with the Handset
Selecting the Display Language

You can choose one of 20 display languages. The factory preset is English.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to** "Setting Handset"**, then press ▶.**

3 **Press ▼ or ▲ until the arrow points to** "Display Option"**, then press ▶.**

4 **Press ▼ or ▲ until the arrow points to** "Select Language"**, then press ▶.**

   • The arrow points to the current setting.

5 **Press ▼ or ▲ to select the desired language, then press ▤.**

   • A beep sounds.
   • The display will return to "Select Language". To return to the standby mode, press [✕⊙] or wait for 60 seconds.

   • You can exit the programming mode any time by pressing [✕⊙].

Selecting the Display Backlight Colour

You can set the display backlight colour to green, orange, or red. The display backlight will light in the selected colour when pressing a button, lifting the handset from the base unit or receiving a call.
The factory preset is green.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to** "Setting Handset"**, then press ▶.**

3 **Press ▼ or ▲ until the arrow points to** "Display Option"**, then press ▶.**

4 **Press ▼ or ▲ until the arrow points to** "Backlight Color"**, then press ▶.**

   • The arrow points to the current setting.

5 **Press ▼ or ▲ to select the desired display backlight colour.**

   • Each time you press ▼ or ▲, the display backlight colour will change from green, orange to red on the handset.

6 **Press ▤.**
   • A beep sounds.
   • The display will return to "Backlight Color". To return to the standby mode, press [✕⊙] or wait for 60 seconds.

   • You can exit the programming mode any time by pressing [✕⊙].

Call Option

with the Handset
Call Prohibition

You can prohibit anyone from making a call with your handset except for emergency calls. Incoming calls are accepted. The factory preset is OFF.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To set the call prohibition mode ON/OFF

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to** "Setting Handset"**, then press ▶.**

3 **Press ▼ or ▲ until the arrow points to** "Call Option"**, then press ▶.**

4 **While** "Call Bar" **is at the arrow, press ▶.**

```
Enter  H/set  PIN
                :----
 ⅄                    ▭▭
```
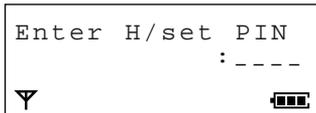
5 **Enter the 4-digit handset PIN (p. 52).**

- The current mode is displayed.

6 **Press ▼ or ▲ to select** "ON" **or** "OFF"**, then press ▤.**

- A beep sounds and "✖▬" is displayed if ON is selected.
- The display will return to "Call Bar". To return to the standby mode, press ✆⊚ or wait for 60 seconds.

- You can exit the programming mode any time by pressing ✆⊚. If you forget your PIN code, please consult your nearest Panasonic Service Centre.

with the Handset
Direct Call

You can easily make a call using a stored direct call number by pressing [📞] or [📢]. Incoming calls are accepted. The factory preset is OFF.

After storing the direct call number, the unit will automatically switch to the direct call mode. When the direct call mode is on, you can ONLY dial the number stored in the direct call memory.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To set the direct call number

1 Press [≡].

2 Press [▼] or [▲] until the arrow points to "Setting Handset", **then press** [▶].

3 Press [▼] or [▲] until the arrow points to "Call Option", **then press** [▶].

4 Press [▼] or [▲] until the arrow points to "Direct Call No.", **then press** [▶].

- "Enter Phone No" is displayed.

5 **Enter the phone number up to 24 digits.**

- If you misdial, press [C]. The digits are erased from the right. To erase all digits, press and hold [C].

6 Press [≡].

7 While "Save" **is at the arrow, press** [▶].

8 Press [▼] or [▲] **to select** "ON" **or** "OFF", **then press** [≡].

- A beep sounds.
- The display will return to "Direct Call No.". To return to the standby mode, press [✳ ⊙] or wait for 60 seconds. " ⇾ " will be shown at the top right corner on the standby mode display when set to ON.

To set the direct call mode ON/OFF

1 **Follow steps 1 to 3 on To set the direct call number.**

2 Press [▼] or [▲] **until the arrow points to** "Direct ON/OFF", **then press** [▶].

3 Press [▼] or [▲] **to select** "ON" **or** "OFF", **then press** [≡].

- A beep sounds.
- The display will return to "Direct ON/OFF". To return to the standby mode, press [✳ ⊙] or wait for 60 seconds. " ⇾ " will be shown at the top right corner on the standby mode display when set to ON.
- When set to off , " ⇾ " will go out.

To dial the stored number

Make sure that " ⇾ " **is displayed, then press** [📞] **or** [📢].

- The number stored in the direct call memory is automatically dialled.

Other Option

In "Other Option" menu, **Changing the 4-digit handset PIN (p. 52), To set the auto talk feature ON/OFF (p. 21)** are also available.

with the Handset
Selecting the Battery Type

Two Nickel Metal-hydride (Ni-MH) batteries are included with this unit. Nickel Cadmium (Ni-Cd) rechargeable batteries can also be used. If you replace the batteries with Ni-Cd batteries, you must set the battery type selection to "Ni-Cd", or the battery strength will not be displayed correctly. The factory preset is "Ni-MH".

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤ .

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Other Option", then press ▶.

4 Press ▼ or ▲ until the arrow points to "Battery Type", then press ▶.

  • The current battery type is at the arrow.

5 Press ▼ or ▲ to select "Ni-Cd" or "Ni-MH", then press ▤.

  • The display will return to the "Battery Type". To return to the standby mode, press 📞⊙ or wait for 60 seconds.

  • Incorrect battery type selection may shorten battery life.

Reset Handset Settings

with the Handset

This function enables the handset to clear the following setting at one time. They will return to their initial settings.

Function	Initial setting
Time alarm mode	OFF
Alarm time	Clear
Handset ringer volume	3 (MEDIUM)
External ringer type	1
Internal ringer type	1
Paging ringer type	1
Private ringer type	1
Alarm type	1
Key tone	ON
Call waiting tone	ON
Range warning alarm	OFF
Battery low alarm	ON
Audible caller ring	OFF
Standby mode display	Base unit number

Function	Initial setting
Talk mode display	Length of the call
Call prohibition mode	OFF
Display language	English
Backlight colour	Green
Private colour	Green
Direct call number	Clear
Direct call mode	OFF
4-digit handset PIN	0000
Auto talk	OFF
Base unit access	Automatic base unit access
Handset receiver volume	MEDIUM
Redial memory	All clear

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ☰ .

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶.

3 Press ▼ or ▲ until the arrow points to "Reset Handset", then press ▶.

```
Enter H/set PIN
          :----
  ⅄            ▮▮▮
```
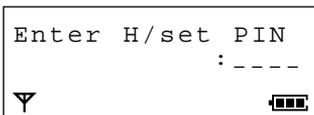
4 Enter the 4-digit handset PIN (p. 52).
  • "Reset Handset" is displayed.

5 Press ▼ or ▲ to select "YES".

6 Press ☰.
  • A beep sounds and "CLEARED" is displayed.
  • The display will return to "Reset Handset". To return to the standby mode, press ⌖⊙ or wait for 60 seconds.

• You can exit the programming mode any time by pressing ⌖⊙.

Summary of Programmable Function on the Base Unit

You can select and execute answering system by pressing direct command as follows without programming. See the corresponding pages for function details.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

Press ☰. **Press** ▼ **or** ▲ **until the arrow points to "**Setting Base**", then press** ▶.

• "Input Command" is displayed.

<Direct command>

Press ①**, 4-digit base unit PIN, then** ①	**To select "all handsets" ringer mode (p. 68)**
Press ①**, 4-digit base unit PIN, then** ②	**To select "selected handset(s)" ringer mode (p. 68)**
Press ①**, 4-digit base unit PIN, then** ③	**To select "selected, then all handsets" ringer mode (p. 69)**
Press ② **then** ①	**To set the base unit key tone ON/OFF (p. 69)**
Press ② **then** ②	**To select the base unit ringer volume (p. 70)**
Press ② **then** ③	**To select the base unit ringer type (p. 70)**
Press ③**, 4-digit base unit PIN, then** ②	**To select the Time Break Recall/mode (p. 71)**
Press ③**, 4-digit base unit PIN, then** ③	**To select the pause timing (p. 72)**
Press ⑤ **then 4-digit base unit PIN**	**To change the 4-digit base unit PIN (p. 67)**
Press ⑥ **then 4-digit base unit PIN**	**To set the call restriction (p. 73)**
Press ⑦ **then 4-digit base unit PIN**	**To cancel a handset registration in the base unit (p. 97)**
Press ⓪ **then 4-digit base unit PIN**	**To reset the base unit settings (p. 75)**
Press ✱	**To set the date/time (p. 18)**
Press ⊟ **then** ①	**To set the remote code (p. 91)**
Press ⊟ **then** ②	**To select the number of rings (p. 84)**
Press ⊟ **then** ③	**To select the caller's recording time (p. 85)**
Press ⊟ **then** ④	**To set the monitor function ON/OFF (p. 85)**

• If any key is not pressed for over 60 seconds, the display will return to "Setting Base".

Base Unit PIN

with the Handset

Setting the 4-digit Base Unit PIN

You can program a 4-digit base unit PIN (Personal Identification Number). The factory preset is 0000. Changing the PIN may prevent the unauthorised use of your unit by another person.

Once you have programmed the 4-digit base unit PIN, you cannot confirm it. We recommend you to write down the 4-digit base unit PIN. If you forget it, please contact Panasonic's Customer Care Centre.

You need to enter the 4-digit base unit PIN when using the following functions.

—**Ringer Mode Selection (p. 68, 69)**
—**Selecting Time Break Recall/Mode (p. 71)**
—**Selecting the Pause Timing (p. 72)**
—**Call Restriction (p. 73)**

—**Cancelling a Handset Registration in the Base Unit (p. 97)**
—**Reset the Base Unit Settings (p. 75)**

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** ☰ **.**

2 **Press** ▼ **or** ▲ **until the arrow points to** "Setting Base"**, then press** ▶ **.**

   • "Input Command" is displayed.

3 **Press** 5 **, then enter the current 4-digit base unit PIN.**

   • The factory preset is 0000.

```
Input Command
  5 ____
�_symbol              ▭▭▭
```
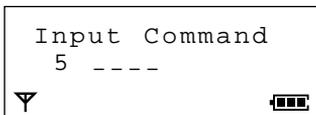
4 **Enter the new 4-digit base unit PIN TWICE.**

```
Input Command
  5 ____ ____
�_symbol              ▭▭▭
```
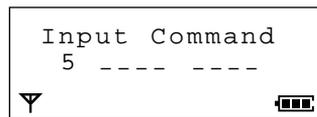
   • A beep sounds.
   • The display will return to "Setting Base". To return to the standby mode, press ✆ .

• If 5 beeps sound in step 3, the entered 4-digit base unit PIN is incorrect. Enter the correct 4-digit base unit PIN.

• You can exit the programming mode any time by pressing ✆ .

4-digit base unit PIN

Programmable Functions on the Base Unit

Ringer Mode Selection

You can select one of 3 base unit ringer modes.

—**All handsets**: All handsets registered in the base unit ring at the same time.
—**Selected handset(s)**: Only the selected handset(s) ring(s) at the same time.
—**Selected then all handsets**: The selected handset(s) ring(s) first, then if no answer, all handsets start ringing.

The factory preset is All handsets.

with the Handset
Selecting the "All Handsets" Ringer Mode

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points

to "Setting Base", then press ▶.

 • "Input Command" is displayed.

3 Press 1, then enter the 4-digit base unit PIN (p. 67).

 • The current mode is displayed.

4 Press 1.

5 Press ▤.

 • A beep sounds.
 • The display will return to "Setting Base". To return to the standby mode, press ⍓⍉.

Selecting the "Selected Handset(s)" Ringer Mode

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Follow steps 1 to 3 on Selecting the All Handsets Ringer Mode.

2 Press 2, then current setting is displayed.

 • The selected handset number(s) blink(s) and ring(s).

3 Select the handset number(s) you desire to ring with keypad.

 • If you select the handset number which does not blink, it starts blinking.

 Ex. All registered handset number (1 to 6) is displayed and selected handset numbers (1 and 5) blink.
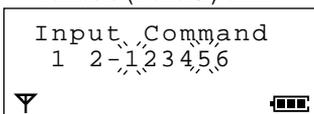
```
Input Command
 1 2-123456

📶              ▭▭▭
```

4 Press ▤.

 • A beep sounds.
 • The display will return to "Setting Base". To return to the standby mode, press ⍓⍉.

with the Handset
## Selecting the "Selected then All Handsets" Ringer Mode

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press **☰**.

2 Press **▼** or **▲** until the arrow points

to "Setting Base", then press **▶**.
- "Input Command" is displayed.

3 Press **1**, then enter the 4-digit base
unit PIN (p. 67).
- The current mode is displayed.

4 Press **3**, then select handset
number(s) you desire to ring first.
- The selected handset number(s) blink(s).
  Ex. All registered handsets (1 to 6) are
  displayed and selected handset
  numbers (1 and 5) to ring first blink.

```
Input Command
 1 3-123456

Ψ                    ▭
```

5 Press **▶**.
- The current number of rings is displayed
  at the end of the 2nd line.

6 Select the number of rings 1 through 6
with the dialing buttons **1** to **6**, then
press **☰**.
- A beep sounds.
- The display will return to "Setting
  Base". To return to the standby mode,
  press **✕ ₀**.

Key Tones

with the Handset

You can select the base unit keys to sound tones (key tone) or not.
The factory preset is 1 (ON).
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press **☰**.

2 Press **▼** or **▲** until the arrow points

to "Setting Base", then press **▶**.
- "Input Command" is displayed.

3 Press **2** then **1**.
- The current setting is displayed.
  1: ON   **0**: OFF

4 Press **1** for ON.
   OR
   Press **0** for OFF
   Ex. 1 (ON) is selected.

```
Input Command
 21 1

Ψ                    ▭
```

5 Press **☰**.
- A beep sounds.
- The display will return to "Setting Base".
  To return to the standby mode, press **✕ ₀**.
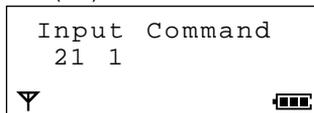
Base Unit Ringer Volume/Type

with the Handset
Selecting the Base Unit Ringer Volume

4 levels (HIGH, MEDIUM, LOW, OFF) are available. The factory preset is MEDIUM. When set to OFF, the base unit will not ring.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ **until the arrow points to** "Setting Base"**, then press** ▶.

  • "Input Command" is displayed.

3 Press [2] TWICE.

  • The current ringer type number is displayed.
    1: LOW   **2**: MEDIUM   **3**: HIGH   **0**: OFF

4 Select your desired ringer volume 0 through 3 with keypad [0] through [3].

  • Each time you press a button, the selected volume level is displayed and rings.
  Ex. 3 (HIGH) is selected.
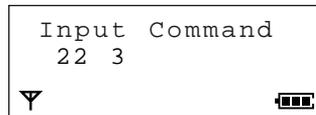
```
Input Command
 22 3

▽                    ▭
```

5 Press ▤.

  • A beep sounds.
  • The display will return to "Setting Base". To return to the standby mode, press [✂ ⊙].

Selecting the Base Unit Ringer Type

You can select the one of the 6 base unit ringer types. The factory preset is type 1.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ **until the arrow points to** "Setting Base"**, then press** ▶.

  • "Input Command" is displayed.

3 Press [2] then [3].

  • The current ringer type number is displayed.

4 Select your desired ringer type 1 through 6 with keypad [1] through [6].

  • Each time you press a button, the selected ringer type number is displayed and rings.
  Ex. Ringer type 4 is selected.
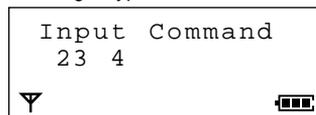
```
Input Command
 23 4

▽                    ▭
```

5 Press ▤.

  • A beep sounds.
  • The display will return to "Setting Base". To return to the standby mode, press [✂ ⊙].

Other Feature

with the Handset
Selecting Flash Mode

- Users in Australia can access Telstra's "EASY CALL" service by having the recall time set at 100msec (this is the factory default setting), and then follow Telstra's "EASY CALL" instructions to operate this service.
- If you are connected via a PBX, a longer or shorter recall time may be necessary to use PBX functions (transferring a call etc.). Consult your PBX supplier for the correct setting.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Base", then press ▶.
- "Input Command" is displayed.

3 Press 3, then enter the 4-digit base unit PIN (p. 67).

4 Press 2 then 1.

5 To select "Flash 1(700msec)", press 1.

 OR

 To select "Flash 2(100msec)", press 2.

6 Press ▤.
- A beep sounds.
- To return to the standby mode, press ✆⊙.

with the Handset
Selecting the Pause Timing

You can select the pause timing of 3 or 5 seconds, depending on your PBX requirement. The factory preset is 3 seconds.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points

to "Setting Base", **then press** ▶.

• "Input Command" is displayed.

3 Press ③, then enter the 4-digit base unit PIN (p. 67).

4 Press ③ then ① for 3 seconds.

OR

Press ③ then ② for 5 seconds.

Ex. 5 seconds is selected.
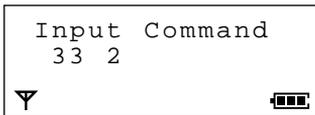
```
 Input  Command
  33 2

Ψ                    ▭▭
```

5 Press ▤.

• A beep sounds.
• The display will return to "Setting Base". To return to the standby mode, press ✳ⓞ.

Call Restriction ➡

You can restrict desired handset(s) and base unit from dialling selected phone numbers. Phone numbers beginning with the restricted digits cannot be dialled out. For example, if "00" is assigned as the call restriction number, international calls cannot be made.
For selected handset(s) and base unit, you can assign up to 6 call restriction numbers (up to 8 digits). The factory preset is OFF.

with the Handset
Setting the Call Restriction

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press ▤.**

2 **Press ▼ or ▲ until the arrow points to "Setting Base", then press ▶.**

  • "Input Command" is displayed.

3 **Press 6 , then enter the 4-digit base unit PIN (p. 67).**

  • All registered handset number(s) and base unit number "0" are displayed.
  • The handset number(s) and base unit number "0" flash if the call restriction number(s) is/are already set.
  Ex. 1 base unit and 6 handsets are registered.

```
Input Command
 6 0123456

⅄                  ▄▄▄
```
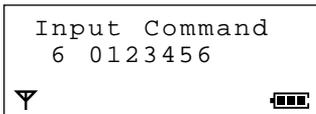
4 **Enter the handset number(s) which you desire to restrict.**

  • The selected handset number(s) flash(es).
  • If you misdial, press the number(s) again.

When you dial a restricted number

The call is restricted, and the dialled number flashes.
Ex. The restricted number is "00".

```
0̷0̷

⅄    ☎              ▄▄▄
```

Ex. Handset number 5 is selected.

```
Input Command
 6 0123456

⅄                  ▄▄▄
```
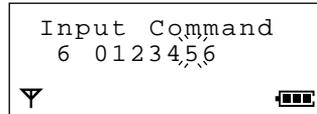
5 **Press ▶.**

6 **Enter a call restriction number, up to 8 digits.**

  • Pressing C erases the digit to the left of the cursor. To erase all digits, press and hold C .

7 **Press ▶.**

  • A beep sounds.
  • If you desire to set another call restriction, follow steps 6 to 7. If you finish, go to step 8.

8 **Press ▤.**

  • The display will return to "Setting Base". To return to the standby mode, press ✳ ⊚ .

• You can exit the programming mode any time by pressing ✳ ⊚ .

Programmable Functions on the Base Unit

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with the Handset

To cancel the call restricted handset(s)

1 **Follow steps 1 to 3 on Setting the Call Restriction, then enter the handset number(s) you desire to cancel.**

   • The cancelled handset number(s) stop(s) flashing.

2 **Press ▤ repeatedly until "**Setting Base**" is displayed.**

   • To return to the standby mode, press [✆].

• You can exit the programming mode any time by pressing [✆].

To cancel the call restriction number(s)

1 **Follow steps 1 to 3 on Setting the Call Restriction.**

2 **Press [▶].**

3 **Press ▤ repeatedly until the call restriction number you desire to cancel is displayed, then erase the number by pressing [C].**

   • The call restriction number is cleared.

4 **Press ▤ repeatedly until "**Setting Base**" is displayed.**

   • To return to the standby mode, press [✆].

• You can exit the programming mode any time by pressing [✆].

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Reset Base Unit Settings

with the Handset

This function enables the base unit to reset the following settings at one time. They will return to their initial settings.

Function	Initial setting
Ringer mode selection	All handsets
Number of rings (Selected then all handsets)	3
Flash timing	100msec
Pause timing	3 seconds
Call restricted handset(s)	All clear

Function	Initial setting
Call restriction number(s)	All clear
4-digit base unit PIN	0000
Base unit ringer volume	2 (MEDIUM)
Base unit ringer type	1
Key tone	ON

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ **until the arrow points to** "Setting Base"**, then press** ▶.
  - "Input Command" is displayed.

3 Press ⓪**, then enter the 4-digit base unit PIN (p. 67).**

```
Input  Command
 ------------

Ⴢ                    ▰▰▰
```
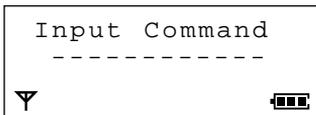
4 Press ▤.
  - A beep sounds.
  - The display will return to "Setting Base". To return to the standby mode, press ✆⓪.

- You can exit the programming mode any time by pressing ✆⓪.

Summary of Answering System Operations (Handset)

See corresponding pages for function details.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

<Standby mode>

```
Base 1    [A]
 4 Messages
 0 New Calls
Y                  (███)
```

Press [INT] then [☐].

- [◁] lights and voice guidance is heard from the speaker.
- Message information is displayed for 2 seconds, then function menu is displayed.
- A brief voice guidance indicates the number of new message received, then you can hear "Press 4 to playback new messages" and "Press 5 to playback all messages."

<Function menu>

► Repeat Msg*············**To repeat a recorded message during playback (p. 82)**

 Skip Msg*················**To skip a recorded message during playback (p. 82)**

 Receiver Volume ······**To select the receiver volume during playback (p. 84)**

 Play New Msg ·········**To playback new recorded message(s) (p. 80)**

 Play All Msg ·········**To playback all recorded message(s) (p. 80)**

 Play OGM···············**To playback a greeting message (p. 17, 79)**

 Record ·················**To record a greeting/memo message (p. 78, 82)**

 Answer ON ·············**To set the answering system ON (p. 17, 79)**

 Stop ···················**To stop playing/recording message (p. 78, 82, 83)**

 Answer OFF ············**To set the answering system OFF (p. 17, 79)**

 Erase One Msg*·······**To erase one recorded message**

 Erase All Msg········**To erase all recorded message(s) (p. 81)**

 Erase OGM ············**To erase your own greeting message**

* These functions are available only during recorded message playback.

- If each operation procedure is not completed within 30 seconds, the display will return to the standby mode.

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Summary of Direct Command for Answering System Operations (Handset)

See the corresponding pages for function details.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

<Standby mode>

```
Base 1    [A]
 4 Messages
 0 New Calls
 Y              (===
```

Press [INT] then [口] .

- [🕩] lights and voice guidance is heard from the speaker.
- Message information is displayed for 2 seconds, then function menu is displayed.
- A brief voice guidance indicates the number of new message received, then you can hear "Press 4 to playback new messages" and "Press 5 to playback all messages."

<Direct command>

I◀	Press [1]	**To repeat a recorded message during playback* (p. 82)**
▶I	Press [2]	**To skip a recorded message during playback* (p. 82)**
	Press [3]	**To select the receiver volume during playback (p. 84)**
▶	Press [4]	**To playback new recorded message(s) (p. 80)**
▶ALL	Press [5]	**To playback all recorded message(s) (p. 80)**
«ᶓ	Press [6]	**To playback a greeting message (p. 17, 79)**
● ▶	Press [7][4]	**To record a memo message (p. 82)**
● «ᶓ	Press [7][6]	**To record a greeting message (p. 78)**
☎ON	Press [8]	**To set the answering system ON (p. 17, 79)**
■	Press [9]	**To stop playing/recording message (p. 78, 82, 83)**
☎OFF	Press [0]	**To set the answering system OFF (p. 17, 79)**
✕ ▶	Press [✱][4]	**To erase one recorded message* (p. 80)**
✕ ▶ALL	Press [✱][5]	**To erase all recorded message(s) (p. 81)**
✕ «ᶓ	Press [✱][6]	**To erase the recorded greeting message** (p. 79)**

*   These functions are available only during recorded message playback.

** This function is available only during your own greeting message playback.

- If each operation procedure is not completed within 30 seconds, the display will return to standby mode.

Answering System Operations with the Handset

For basic answering system operation, see page 17.

You can operate the answering system via the function menu or by pressing keypad as direct command. All messages (greeting, incoming, and memo) are stored indefinitely on a "Flash memory" IC chip – even if a power failure occurs. All of the messages are saved until you erase them – **Flash Memory Message Backup**.

Greeting Message

The total recording time (include audible caller ring) is approximately 15 minutes. Any recorded noise may shorten the recording time up to 3 minutes. The greeting recording time is limited to 2 minutes and 30 seconds. We recommend you to record a brief greeting message in order to leave more time for recording new messages.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To record your own greeting message with function menu

1 **Press** [INT] **then** [▯].

2 **After the function menu is displayed, press** [▼] **or** [▲] **until the arrow points to** "Record", **then press** [▶].

3 **While** "Record OGM" **is at the arrow, press** [▶].

4 **After the long beep, talk clearly, about 20 cm away from the MIC (microphone) on the handset.**

   • During recording, the arrow points to "Stop".

   ```
   Record
   Answer ON
   ▶Stop
   ☖ ☖            ▯▯▯
   ```
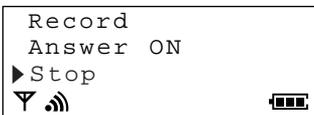
5 **When finish recording, press** [▤].

   • A recording of your own greeting message is played back.
   • The display will return to "Remote Operation". To return to the standby mode, press [✳ ⊙] or wait for 30 seconds.

To record your own greeting message with direct command

1 **Press** [INT] **then** [▯].

2 **Press** [7] **then** [6].

3 **After the long beep, talk clearly, about 20 cm away from the MIC (microphone) on the handset.**

   • The display will start showing the length of the recording time.

   ```
   Remote Operation
   76
          00-00
   ☖ ☖            ▯▯▯
   ```
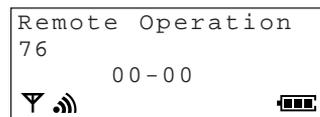
4 **When finish recording, press** [9].

   • A recording of your own greeting message is played back.
   • The display will return to "Remote Operation". To return to the standby mode, press [✳ ⊙] or wait for 30 seconds.

To playback your own greeting message

1 Press **INT** then **⊟**.

2 After the function menu is displayed, press **▼** or **▲** until the arrow points to "Play OGM", then press **▶**.
OR
Press **6**.

- A recording of your own greeting message is played back.
- If your own greeting message is not recorded, one of 2 pre-recorded greeting messages is played back.
- The display will return to "Remote Operation". To return to the standby mode, press **⚹₀** or wait for 30 seconds.

To set the answering system ON/OFF

See basic answering system operations (p. 17).

1 Press **INT** then **⊟**.

2 Press **8** to set ON, or press **0** to set OFF.

- "[A]" is displayed in the standby mode if set to ON.
- The display will return to "Remote Operation". To return to the standby mode, press **⚹₀** or wait for 30 seconds.

To erase your own greeting message with direct command

During playback your own greeting message, press ✳ then 6.

- A recording of your own greeting message is erased.
- The display will return to "Remote Operation". To return to the standby mode, press **⚹₀** or wait for 30 seconds.

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Recorded Message

Incoming messages and memo messages are stored in chronological order. New messages cannot be recorded when "Memory is Full" is heard. We recommend you to erase unnecessary message after each playback in order to leave more time for recording new message(s). If new message(s) is/are recorded, the number of recorded message on the handset display will flash. When memory is full, it will flash faster.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

To playback new recorded message(s)

1 **Press [INT] then [⊡] .**

2 **After the function menu is displayed, press [▼] or [▲] until the arrow points to "Play New Msg", then press [☰].**
   OR
   Press [4].

   • New recorded message(s) is/are played back from the speaker on the handset if recorded.
   • The unit will announce the remaining recording time after playback.
   • The display will return to "Remote Operation". To return to the standby mode, press [✆] or wait for 30 seconds.

To playback all recorded message(s)

1 **Press [INT] then [⊡] .**

2 **After the function menu is displayed, press [▼] or [▲] until the arrow points to "Play All Msg", then press [☰].**
   OR
   Press [5].

   • All recorded message(s) is/are played back from the speaker on the handset if recorded.
   • The unit will announce the remaining recording time after playback.
   • The display will return to "Remote Operation". To return to the standby mode, press [✆] or wait for 30 seconds.

To erase one recorded message with direct command

During playback of a recorded message, press [✱] then [4].

   • One recorded message is erased.
   • If erasing message with more than 1 new message in memory then second message will begin playback.
   • The display will return to "Remote Operation". To return to the standby mode, press [✆] or wait for 30 seconds.

To erase all recorded message(s) with function menu

1 **Press [INT] then [⊞].**

2 **After the function menu is displayed, press [▼] or [▲] until the arrow points to "**Erase All Msg**", then press [▶].**

3 **Press [▼] or [▲] to select "**YES**", then press [▤].**
   - A beep sounds and "No Message" is heard.
   - All recorded message(s) is/are erased.
   - The display will return to "Remote Operation". To return to the standby mode, press [☏₀] or wait for 30 seconds.

To erase all recorded message(s) with direct command

1 **Press [INT] then [⊞].**

2 **Press [✳] then [5].**
   - A beep sounds and "No Message" is heard.
   - All recorded message(s) is/are erased.
   - The display will return to "Remote Operation". To return to the standby mode, press [☏₀] or wait for 30 seconds.

Quick Play New Message

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press [▤].**
   - If new message(s) is/are recorded, "Play New Msg" is displayed and pointed by arrow.

```
▶Play New Msg
 New Phonebook
 Setting Handset
 Ψ                  ▭
```

2 **Press [▤].**
   - New message(s) is/are played back.
   - The unit will announce the remaining recording time after playback.
   - The display will return to "Remote Operation". To return to the standby mode, press [☏₀] or wait for 30 seconds.

To record a memo message with function menu

1 Press [INT] then [⊞].

2 After the function menu is displayed, press [▼] or [▲] until the arrow points to "Record", then press [▶].

3 Press [▼] or [▲] to select "Record Memo", then press [▶].

4 After the long beep, talk clearly, about 20 cm away from the MIC (microphone) on the handset.
 • During recording, the arrow points to "Stop".

```
  Record
  Answer ON
▶ Stop
 ᵞ ⁓�               ▦
```
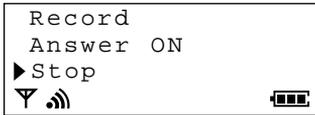
5 When finish recording, press [▤].
 • A beep sounds.
 • The display will return to "Remote Operation". To return to the standby mode, press [✶⊙] or wait for 30 seconds.

To record a memo message with direct command

1 Press [INT] then [⊞].

2 Press [7] then [4].

3 After the long beep, talk clearly, about 20 cm away from the MIC (microphone) on the handset.
 • The display will start showing the length of the recording time.

```
Remote Operation
74
       00-00
 ᵞ ⁓�               ▦
```
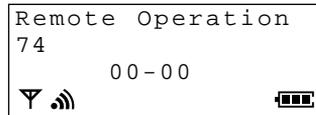
4 When finish recording, press [9].
 • A beep sounds.
 • The display will return to "Remote Operation". To return to the standby mode, press [✶⊙] or wait for 30 seconds.

During Playback of a Recorded Message

To repeat a message

Press [▶] to display "Repeat Msg", then press [▤].
OR
Press [1].
 • If you press within 5 seconds from start playback, the previous message will be played.
 • If you press over 5 seconds from start playback, the current message will be played.

To skip a message

Press [▶]. Press [▼] or [▲] until the arrow points to "Skip Msg", then press [▤].
OR
Press [2].
 •The next message will be played if recorded.

To stop a message

Press [▶]. Press [▼] or [▲] until the arrow points to "Stop", then press [▤].
OR
Press [9].
 • The display will return to "Remote Operation". To return to the standby mode, press [✶⊙] or wait for 30 seconds.

Recording Your Telephone Conversation Using the Handset

You can record a telephone conversation.

1 **During a conversation, press ▤ then 🔲.**

  • "Recording" is displayed on the handset.

2 **Continue your conversation.**

3 **When finished, press ▤ then 🔲.**

• When you record your 2-way telephone conversation, you should inform the other party that the conversation is being recorded.
• This feature is not available with the call transferred from another handset or the base unit.

Chapter 5 Answering System

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Selecting Receiver Volume During Playback

1 **Press** ▶. **Press** ▼ **or** ▲ **until the arrow points to** "Receiver Volume",
then press ▶.
OR
Press 3.

2 **Press** ▼ **to decrease volume, or press** ▲ **to increase volume.**

```
Receiver Volume
 LOW ▬▬▬███ HIGH
 ▼ ◢))              ▭▭▭▭
```

- Each time you press ▼ or ▲, the volume level will change.

Selecting the Number of Rings

You can select the number of times the unit rings before the answering system answers a call, from 2 to 7 or AUTO (for Toll Saver*). The factory preset is AUTO.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 **Press** ▤.

2 **Press** ▼ **or** ▲ **until the arrow points to** "Setting Base", **then press** ▶.
- "Input Command" is displayed.

3 **Press** 🔲.
- "Remote Operation" is displayed on the handset.

4 **Press** 2.

5 **Press keypad** 0, **or** 2 **to** 7 **to set the number of rings.**

0: Selects "AUTO".
2-7: The unit will answer after the selected number of rings.

6 **Press** ▤.
- The display will return to "Setting Base". To return to the standby mode, press ⚹₀.

*Toll Saver (When set to "AUTO")

When you call the unit from a touch tone telephone:
If the unit answers on the 2nd ring, there is at least one new message.
If the unit answers on the 5th ring, there are no new messages.
Hang up when you hear the 3rd ring. This will save you the toll charge for the call.

Selecting the Caller's Recording Time

You can select "1 minute", "unlimited" (a caller can record more than 1 minute–16 minutes) or "greeting only" for the caller's recording time. The factory preset is "unlimited". A pre-recorded greeting message (p. 17) depends on selecting the caller's recording time. If you select "greeting only" and set the answering system ON, the unit will answer a call with the greeting message, then hang up. The unit does not record any incoming messages.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Base", then press ▶.

- "Input Command" is displayed.

3 Press ▣.

- "Remote Operation" is displayed.

4 Press 3.

- The current setting is displayed.

5 Press 1, 2 or 3 to select the recording time.

1: 1 minute **2**: unlimited (16 minutes)
3: greeting only
- The setting is displayed.

6 Press ▤.

- The display will return to "Setting Base". To return to the standby mode, press ⚹⊙.

- You can exit the programming mode any time by pressing ⚹⊙.

Setting the Monitor Function ON/OFF

When your greeting message is being played to the caller and caller is recording a message, you can listen to it through the handset and the base unit speaker. To listen to your greeting, set to 2 (ON). The factory preset is 2 (ON).

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points to "Setting Base", then press ▶.

- "Input Command" is displayed.

3 Press ▣.

- "Remote Operation" is displayed.

4 Press 4.

- The current setting is displayed.

5 To set to ON, press 2.
OR
To set to OFF, press 1.

- The setting is displayed.

6 Press ▤.

- The display will return to "Setting Base". To return to the standby mode, press ⚹⊙.

- You can exit the programming mode any time by pressing ⚹⊙.

Answering System Operations with the Base Unit

See the corresponding pages for function details.

<Standby mode on the base unit>

```
 4 messages
 0 New Calls
  12.05 13:58
```

<Answering System Buttons on the base unit>

⊙⊙ × ● «⌒ ■ ▷
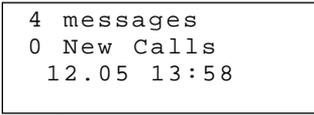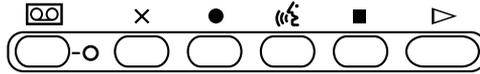
Press the following button for the operation you desire.

<Button>

⊙⊙	**To set the answering system ON/OFF (p. 86)**
×	**To erase recorded message (p. 89)**
●	**To record a memo message (p. 87)**
«⌒	**To playback/record a greeting message (p. 87)**
■	**To stop playing/recording message (p. 88)**
▷	**To playback recorded messages (p. 88)**
◄	**To repeat message (p. 88)**
►	**To skip message (p. 88)**

When the unit answers a call, a greeting message is played and the caller's message is recorded.

• The total recording time (including the greeting message and audible caller ring) is **about 16 minutes**.

Setting the Unit to Answer Calls

Press ⊙⊙ to set the answering system ON.

⊙⊙ (Answer ON) Button and Indicator

• "Answer set" is heard.
• Answer ON indicator (⊙⊙) on the base unit lights.
• [A] is displayed on the handset display in the standby mode.
• If the new message is recorded, the Answer ON indicator (⊙⊙) starts flashing.
• The unit will announce the remaining recording time if it is less than 5 minutes.
• If you hear "Memory is full" and the indicator flashes rapidly, erase some or all of the messages (p. 89)
• If you do not want the unit to answer calls, press
  ⊙⊙ again to set the answering system OFF. The Answer ON indicator (⊙⊙) light goes out and "Answer off" is heard.
• You can also turn on the answering system remotely using any other phone (p. 93).

Monitoring Incoming Calls

While a call is being recorded, you can monitor it through the speaker.
To answer the call, press ⌈ 📞 ⌉ . The unit stops recording.

Recording a Greeting/Memo Message

You can record a personal message in memory.

To record your own greeting message

1 **Press and hold** ⌈ 📢 ⌉ **.**

- A beep sounds.

2 **After the beep, talk clearly, about 20 cm away from the MIC.**

- The base unit display shows the elapsed recording time.

3 **When finished, press** ⌈ ■ ⌉ **.**

- A beep sounds.

To record a memo message

1 **Press** ⌈ ● ⌉ **.**

- A beep sounds.

2 **After the beep, talk clearly, about 20 cm away from the MIC.**

- The base unit display shows the elapsed recording time.

3 **When finished, press** ⌈ ■ ⌉ **.**

- A beep sounds.
- Incoming messages and memo messages are stored in chronological order.

To playback a greeting message

Press ⌈ 📢 ⌉ **.**
- One of two pre-recorded greeting messages or your own greeting message is played.
- To stop operation, press ⌈ ■ ⌉ .

To erase your own greeting message

During playback your own greeting message, press ⌈ ✕ ⌉ **.**

Playback Recorded Messages

You can see the total number of recorded messages on the base unit display.
If Answer ON indicator (📼) and the number of recorded message on the base unit display flash, new messages have been recorded. All messages (greeting, incoming, and memo) are stored indefinitely on a "Flash memory" IC chip – even if a power failure occurs. All of the messages are saved until you erase them – **Flash Memory Message Backup**.
<Standby mode on the base unit>

```
 4 messages
 0 New Calls
  12.05 13:58
```

Ex. The unit received 4 messages.

## To playback new recorded message(s)

**Press** ⊳ **.**

- The unit announces the number of new message and plays them back.
- During playback, the display shows the message number.

    Ex. The unit is playing message 3.

    ```
    4 Messages
    0 New Calls
    Message 3
                    (···)
    ```
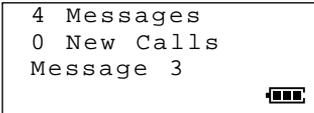
- To increase the volume, press ▲.

    To decrease the volume, press ▼.

To playback all recorded message(s)

Press and hold ⊳ **firmly until a short beep sounds.**

- During playback, the display shows the message number.

    Ex. The unit is playing message 1.

    ```
    4 Messages
    0 New Calls
    Message 1
                    (···)
    ```
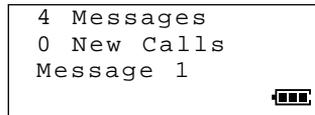
- To increase the volume, press ▲.

    To decrease the volume, press ▼.

To playback the most recent message

Press ◄ **.**

During Playback of a Recorded Message

To repeat a message

Press ◄ **.**

- If you press within 5 seconds from start playback, the previous message will be played.
- If you press over 5 seconds from start playback, the current message will be played.

To skip a message

Press ► **.**

- The next message will be played if recorded.

To stop a message

Press ■ **.**

- To resume playback a recorded message, press ⊳. To return to the standby mode, press ■ again.

Erasing Recorded Messages

The unit will announce the remaining recording time after playback, if it is less than 5 minutes. New message cannot be recorded when:
— "Memory is full" is heard.
— The number of messages displayed on the base unit flashes rapidly.
— Answer ON indicator (OO) flashes rapidly.
Erase some or all of the messages. We recommend you erase unnecessary messages after each playback.

To erase one recorded message

Press ⌊ × ⌋ while the message you want to erase is being played.

- The unit erases the message.
- A short beep will sound and the unit will continue to play the next message.

To erase all recorded message(s)

All recorded messages, except the greeting message, can be erased at one time.

1 Press ⌊ × ⌋ .

- "Press ERASE button again to erase all messages" is heard.

2 Within 5 seconds, press ⌊ × ⌋ .

- A long beep and "No message" are heard.
- The base unit display shows "0 Messages".

Remote Operation from a Touch Tone Phone

You can operate the answering system from any touch tone phone.
To operate the unit remotely, you must store your remote code first using the handset near the base unit (p. 91).
A synthesized voice menu will guide you on how to operate the unit (p. 92).

• To skip the voice menu and operate the unit directly, see page 93.

Summary of remote operation

Call your unit from a touch tone phone.

⬇

Enter your remote code (p. 91) during or after the greeting message playback.
• The number of new messages is heard.

⬇

After 3 seconds, the voice menu will start (p. 92).
Follow the menu or enter the direct remote commands (p. 93).

⬇

To end the remote operation, hang up.

Setting the Remote Code

The 3-digit remote code prevents unauthorised use of your unit for listening to recorded messages.
The remote code is not preset.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ☰.

2 Press ▼ or ▲ until the arrow points
to "Setting Base", then press ▶.

• "Input Command" is displayed.

3 Press ⊡.

• "Remote Operation" is displayed.

4 Press 1.

5 Enter a 3-digit remote code number to
set the remote operation ON.

OR

Press ✱ to set the remote operation
OFF.

**6** Press ☰.

• A beep sounds.
• To change the remote code, repeat from
step 2.

• If 5 beeps sound in step 5, a 3-digit number
was not entered. Start again from step 2 and
enter a 3-digit number.
• If a remote code is not programmed, you
cannot use the unit remotely.

Chapter 5 Answering System

Voice Menu

The shaded boxes are voice prompts.

Press 1 to playback all messages. Press 2 for other functions.	Press **1**.	All message playback. / All recorded messages are played back. At the end of the last message, "End of final message" and the remaining recording time are announced.

Press **2**.

Press 1 to playback new messages. Press 2 for other functions.	Press **1**.	New message playback. / Only new messages are played back.

Press **2**.

Press 1 to record your message. Press 2 for other functions.	Press **1**.	Please leave your message. / You can leave a personal message. 1. Talk after you hear "Please leave your message". 2. When finished, hang up.

Press **2**.

Press 1 to erase all messages. Press 2 for other functions.	Press **1**.	All recorded messages (except the greeting message) are erased.

Press **2**.

|		
Press 1 to record your greeting. Press 2 for other functions.	Press **1**.	Record greeting after the beep. / You can re-record your own greeting message. 1. Talk after the long beep. 2. When finished, press **9**. • A beep sounds. • Your greeting will be played back for confirmation.

Press **2**.

• After playback, the voice menu will start again from the beginning.
• If you hear "Memory is full" after playback, erase some or all of the messages (p. 80, 81, 89).

Direct Remote Operation

Once you have entered the remote code, you can also control your unit by direct commands instead of using the voice menu. Hang up anytime to end the remote operation.

Direct commands

4 **NEW MESSAGE PLAYBACK**
- Only new messages are played back.

5 **ALL MESSAGE PLAYBACK**
- All messages are played back.

1 **REPEAT (During playback)**
- The current message is repeated.

2 **SKIP (During playback)**
- The current message is skipped. The next message is played.

9 **STOP (During playback)**

7
↓
RECORD
↓
9
GREETING MESSAGE RECORDING

- Talk immediately after the long beep.

- The recording is stopped.
- The recorded message is played.

✳4 **ERASING A SPECIFIC MESSAGE (During playback)**
- The current message is erased.
- A short beep will sound and the next message will be played.

✳5 **ERASING ALL MESSAGES**
- All recorded messages are erased.
- A long beep sounds and "No message" is heard.

0 **ANSWERING SYSTEM OFF**
- "Answer off" is heard.
- The unit hangs up and will not answer calls until turned on again.

✳▯ **DISCONNECT**
- The call is terminated.

Turning on the answering system

1 Call your unit and wait for 15 rings.

2 Press the remote code within 10 seconds after the long beep.

- The unit will answer and the greeting message will be played.
- The answering system will turn on. Hang up or enter the remote code for other options.
- If your remote code is not stored, you cannot turn on the answering system remotely.

Optional Multi-Unit User Operations

Operating More than One Handset

You can register and operate up to 6 handsets at the base unit. Operating more than one handset allows you to have an internal call while simultaneously conducting an external phone call using another handset.

Ex. 6 optional handsets are added to a base unit. Handset 1 is engaged in an internal call with handset 3. Handset 2 is engaged in an external call.

Radio Range

H 2

H 3

H 1

Base Unit

H 6

H 4

H 5
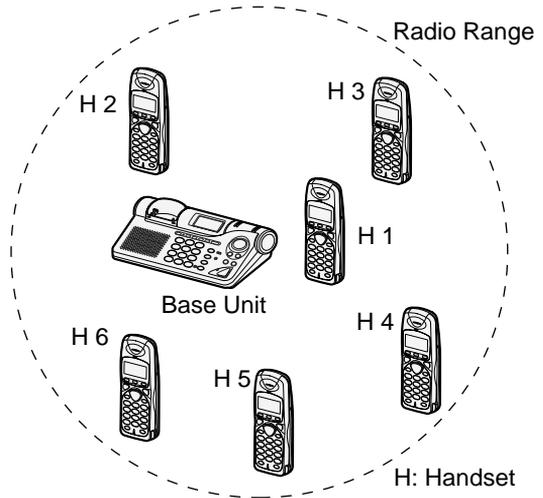
H: Handset

• The optional handset model number is KX-A118ALM. The functions of the optional handset are the same as those of the KX-TCD735ALM handset.

Operating More than One Base Unit

You can register and operate your handset at up to 4 base units.
Since each base unit forms a radio cell, you can extend the range or area in which you can make/answer calls with the same handset by placing the base units in suitable locations. For example, you can use a handset in different radio areas, such as at home or the office. However, calls in progress are cancelled when the unit moves to another radio area.

Ex. 5 optional KX-A118ALM handsets are added to 2 base units.

H 1

H 2

B 2

H 4

H 3

B 1

H 5

B: Base Unit

94
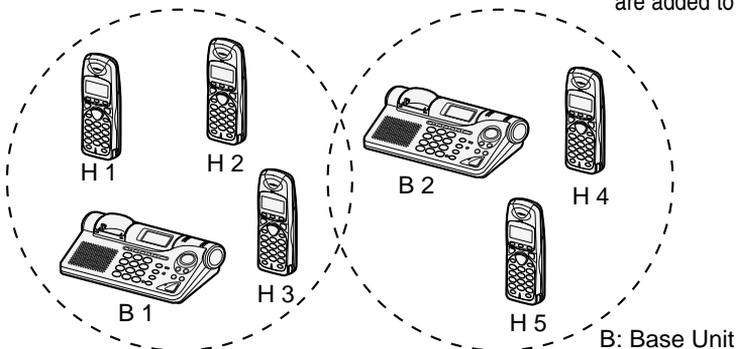
Registration ➡

Registering a Handset in the Base Unit

You must register the handset in the base unit before use.

- Charge the optional handset batteries for approximately 15 hours before initial use.
- Make sure that the power is ON (p. 15) and the unit is in the standby mode.
- Register the handset number within 1 minute. If not registered within 1 minute, press ⌨ on the handset to cancel the programming mode. Then start over again from step 1.

1 **Handset:**
Press ▤.

2 **Press ▼ or ▲ until the arrow points to "**`Setting Handset`**", then press ▶.**

**3** **Base unit where handset is to be registered :**
Press and hold ⬳ on the base unit for more than 10 seconds until a registration tone sounds.

4 **Handset:**
Press ▼ or ▲ until the arrow points to "`Registration`**", then press ▶.**

5 **Press ▼ or ▲ until the arrow points to "**`Register H/set`**", then press ▶.**

- The available base unit numbers are displayed.

6 **Press ▼ or ▲ to select the desired base unit number, then press ▶.**

- The number is assigned as the base unit number for the handset.

```
Please Wait...

⌅                 ▰▱▱
```
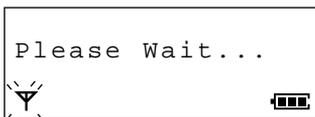
7 **Enter the 4-digit base unit PIN (p. 67).**

```
Enter Base PIN
∵∵
⌅                 ▰▰▰
```
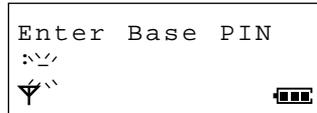
8 **Press ▤.**

- "`Please Wait...`" is displayed, then a confirmation tone sounds.
- The handset will return to the standby mode. The current connected base unit number will be displayed.

```
Base 1
10 New Calls
  12.05 13:58
⌅                 ▰▰▰
```
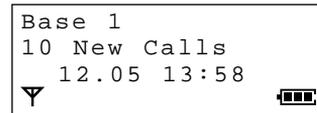
- To register the handset in more than one base unit, repeat from step 1 with the other base unit(s).

- You can exit the programming mode any time by pressing ⌨.
- The base unit number which the handset is currently in contact with can be displayed in the standby mode (p. 59). Calls (both incoming and outgoing) can be conducted only via the displayed base unit (even if the radio areas overlap with neighbouring base units).

Selecting the Base Unit Access

Automatic base unit access (Auto)

The handset automatically selects a registered base unit.
- When the handset moves to another base unit radio area, it loses contact with the previous base unit and automatically accesses the new base unit.
- If the handset is in the overlap area between several base unit radio areas, the handset will access the nearest base unit.

Specified base unit access

You can select one registered base unit (1 to 4) you desire to operate.
- You can choose the base unit/telephone line where you can make/receive calls.

The factory preset is Auto (automatic base unit access).

1 Press ▤ .

2 Press ▼ or ▲ until the arrow points to "Setting Handset", then press ▶ .

3 Press ▼ or ▲ until the arrow points to "Select Base", then press ▶ .
- The current setting, "Auto" or a registered base unit number is at the arrow.

```
Select Base
▶Auto
 Base 1
Ψ                    ▭▭▭
```
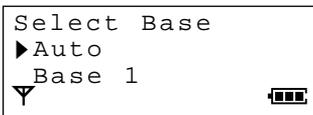
4 Press ▼ or ▲ to select the desired base unit.

5 Press ▤ .
- A beep sounds and the handset will return to the standby mode.
- The selected base unit number will be displayed.

- You can exit the programming mode any time by pressing ✆⊙ .

Cancelling a Handset Registration in the Base Unit

Each handset can cancel itself or another handset.
Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points

   to "Setting Base", then press ▶ .

   • "Input Command" is displayed.

3 Press 7.

4 Enter the 4-digit base unit PIN (p. 67).

   • The current registered handset number(s)
     is/are displayed.

5 Enter the handset number(s) you desire
   to cancel.

   • The selected handset number(s) flash(es).

   ```
   Input Command
    7 123456

   ▼                          ▄▄▄
   ```

   • If you misdial, press the number(s) again.

6 Press ▤.

   • A beep sounds.
   • The display will return to "Setting
     Base". To return to the standby mode,
     press ✶ ⓞ.

   • You can exit the programming mode any time
     by pressing ✶ ⓞ.

Cancelling a Base Unit

If another handset is out of range and/or its power is OFF when cancelling a handset registration in
the base unit, the previous base unit number will still remain in the cancelled handset. Therefore, you
need to cancel the base unit registered **in the cancelled handset**.

Make sure that the power is ON (p. 15), and the unit is in the standby mode.

1 Press ▤.

2 Press ▼ or ▲ until the arrow points

   to "Setting Handset", then press
   ▶.

3 Press ▼ or ▲ until the arrow points

   to "Registration", then press ▶.

4 Press ▼ or ▲ until the arrow points

   to "Cancel Base", then press ▶.

   • "Enter H/set PIN" is displayed.

5 Enter the 4-digit handset PIN (p. 52).

   • Registered base unit(s) is(are) displayed.

6 Press ▼ or ▲ until the arrow points
   to the base unit(s) you desire to cancel,
   then press ▶.

   • "∨" marks the selected base unit.

7 Press ▶.

   • "Clear ?" is displayed.

8 Press ▼ or ▲ to select "YES", then

   press ▤.

   • A beep sounds and "CLEARED" is
     displayed.
   • To return to the standby mode, press
     ✶ ⓞ.

Intercom

Intercom between Handsets

A 2-way intercom is available between the handsets registered in the same base unit.

Ex. Handset 1 is paging Handset 2.

1 **Handset 1:**
Press **INT**.

2 **Handset 1:**
Enter the desired handset number.

- " 🔊 " is displayed and the paged handset rings.

```
INT.1
2
Ⴤ 🔊                    ▪▪▪
```

3 **Handset 2:**
When the unit rings, press 📞 **to answer.**

- The intercom duration is displayed.

```
INT.2-INT.1
     00-00-00
Ⴤ 🔊                    ▪▪▪
```
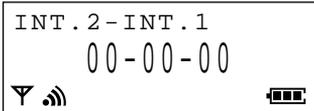
4 **Handsets 1 and 2:**
To end the intercom, press 📞.

- Intercom calls can be conducted within the radio area of the current base unit, but not with units in neighbouring radio areas.

Transferring a Call from One Handset to Another

The intercom can be used during a call, enabling you to transfer a call between handsets registered to the same base unit.

To transfer a call using the intercom

Ex. Handset 1 is transferring a call to Handset 2.

1 **Handset 1:**
During a call, press [INT].
Then enter the desired handset number.

- The call is put on hold.
- You will hear an internal ring back tone until the other handset is answered.
- If there is no answer, press [INT] to return to the call.

2 **Handset 2:**
When the unit rings, press [📞] to answer.

3 **Transferring a call:**
Handset 1:
Press [✳️ ⓪].

- The transfer is completed. Handset 2 can answer the call.

OR

Ending the intercom:
Handset 1:
Press [INT].

- Handset 1 returns to the call.

To transfer a call without using the intercom

This feature enables you to transfer the call to another handset without waiting for the paged handset to answer.

Ex. Handset 1 is transferring a call to Handset 2.

1 **Handset 1:**
During a call, press [INT] and enter the desired handset number. Then press [✳️ ⓪] to transfer the call.

- The call is put on hold.

2 **Handset 2:**
When the unit rings, press [📞] to answer the call.

- The transfer is completed.

- If the paged handset is not answered within 30 seconds, a ring tone sounds at the paging handset. The paging handset can return to the call by pressing [📞].

Multi-Unit User Operations

Chapter 6

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Conference

During a conversation in an external call, you can make an intercom call to another handset and then combine the calls together to establish a conference call.

1 **Handset 1:**
During a call, press [INT]. Then enter the desired handset number.

- The call is put on hold.
- If there is no answer, press [INT] to return to the call.

**2** **Handset 2:**
When the unit rings, press [✆] to answer.

3 **Handset 1:**
Press [3] to establish a conference call.

4 **Handset 1 or 2:**
Press [✆⊙] to hang up the conference call.

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Battery Replacement

If " " flashes after a few telephone calls even when the handset batteries have been fully charged, it is time to replace the batteries with new ones. **Remember to charge the new batteries after replacement.**

1 Turn the power OFF to prevent memory loss (p. 15). Remove the cover by sliding while pressing in the direction of the arrow, then take out the batteries.

2 Replace the batteries with new ones as shown.

- When you finish, close the handset cover and turn the power ON (p. 15).

3 Be sure to charge the new batteries fully in order to display the battery icon correctly (p. 14).

Ni-Cd battery: For about 10 hours
Ni-MH battery: For about 15 hours
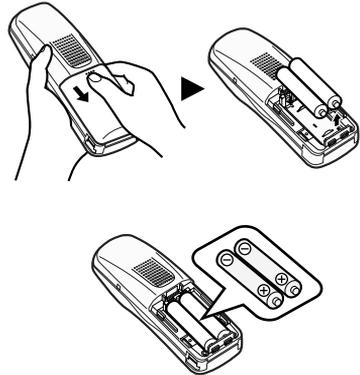
- Remove defective batteries as soon as possible. Defective batteries may leak into the unit.
- Please use only Panasonic P6H (Ni-Cd) or P6P (Ni-MH) batteries.
- If the rechargeable batteries are not inserted correctly, the handset will not work.
- At the end of its useful life, the Nickel-Cadmium battery must be disposed of properly.
- Nickel Cadmium (Ni-Cd) rechargeable batteries (AA size) are also available. You must set the battery type selection to Ni-Cd (p. 64).

Caution:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the batteries specified.
2. Do not use non-rechargeable batteries.
3. Do not mix old and new batteries.
4. Do not dispose of the batteries in a fire. They may explode. Check with local waste management codes for special disposal instructions.
5. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
6. Exercise care in handling the batteries in order not to short the batteries with conductive materials such as rings, bracelets, and keys. The batteries and/or conductor may overheat and cause burns.
7. Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

Using the Belt Clip

You can hang the handset on your belt or pocket using the belt clip.

**To attach the belt clip**   **To remove the belt clip**
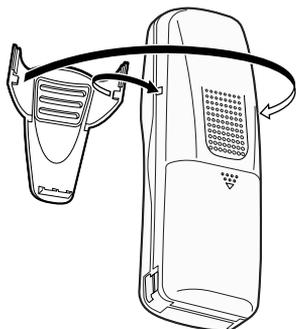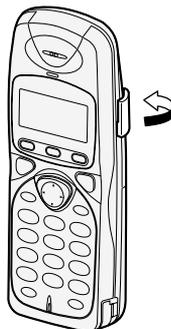
Using the Optional Headset

Plugging an optional headset into the handset allows a hands-free phone conversation. Please use only the Panasonic KX-TCA88AL headset.

Connecting the headset to the handset

Open the headset jack cover, and connect the headset to the headset jack as shown.

Headset Jack
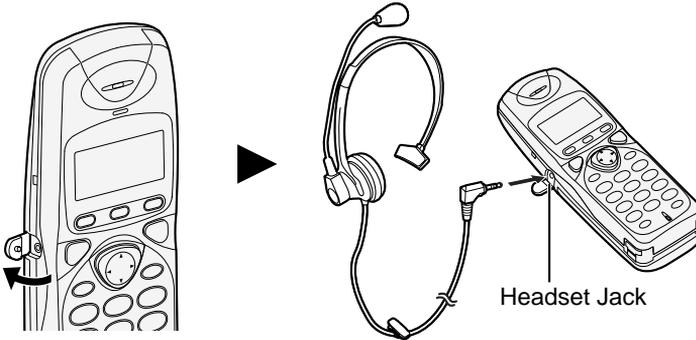
To adjust the headset receiver volume (HIGH, MEDIUM or LOW):

While using the headset, press ▼ or ▲.

When the optional headset is connected to the handset, make sure to use the headset to talk with the caller. If you want to have a normal cordless phone conversation, disconnect the headset.

Wall Mounting

This unit can be mounted on a wall.

1 **Connect the AC adaptor.**

To Power
Outlet
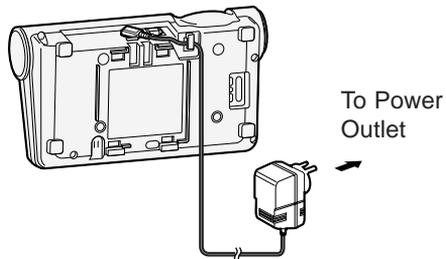
2 **Tuck the Telephone line cord inside the wall mounting adaptor, then push it in the direction of the arrow.**

- The word "UP" should face upward.
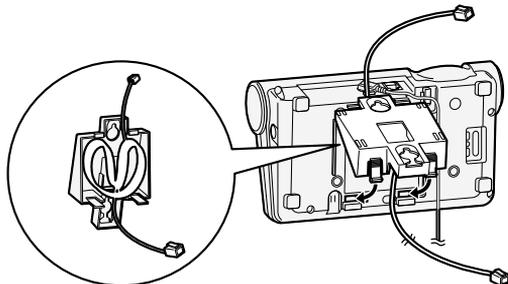
3 **Install screws using the wall template below. Connect the Telephone line cord. Mount the unit, then slide down.**

Screws

8.5 cm

To Telephone Plug
connected to Socket
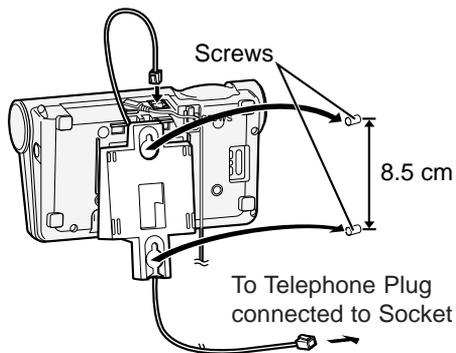
4 **To charge the handset battery:**

Place the handset on the cradle and adjust the angle of the cradle in the direction of the arrow as shown.

Wall Template

← 8.5 cm →
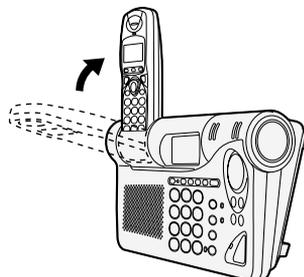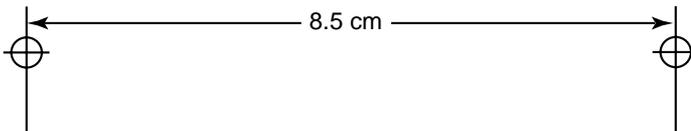
Option Covers

You can change the look of your phone's handset with option covers (KX-A109).

1. Turn the power OFF to prevent memory loss (p. 15). Remove the battery cover by sliding while pressing the arrow. Remove the batteries (p. 101).

2. The option cover is locked with the right and left tabs. Unlock one of the tabs by pressing horizontally ① and vertically ②, and partially pull down the option cover ③, ④, as shown. Repeat this operation on other tab.

Tab   Tab
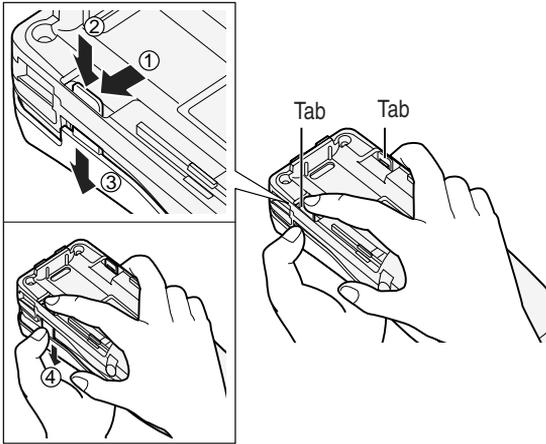
3. Place the new option cover fitting the tabs on the cover into their slots on the handset.

Tabs

Slot

Slot
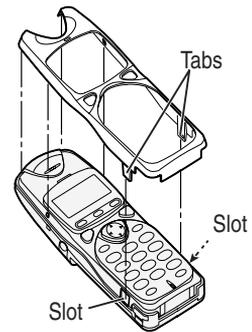
4. Snap the option cover shut on the lower ①, middle ② and upper ③ parts of the handset.
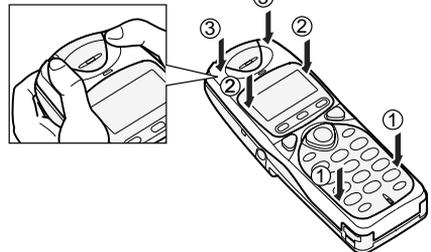
5. Install the batteries and close the battery cover.

- When you finish, close the handset cover and turn the power ON (p. 15).

Before Requesting Help

Cordless Telephone

Problem	Remedy
" ⅄ " flashes and an alarm tone sounds when you press [📞].	• You are too far from the base unit. Move closer and try again. • Plug in the AC adaptor.
A busy tone sounds when you press [📞].	• Another handset is in use. • Base unit is in the talk mode.
" ⅄ " flashes during a conversation and the call is disconnected.	• The handset is out of range. Move closer to the base unit and make the call again. • Plug in the AC adaptor.
Static, sound cuts in/out, fades. Interference from other electrical units.	• Locate the handset and base unit away from other electrical appliances (p. 5). • Move closer to the base unit.
The handset does not ring.	• Turn the power ON (p. 15). • The ringer is set to OFF. Select the desired volume level (p. 55).
The base unit does not ring.	• The ringer is set to OFF. Set to HIGH, MEDIUM or LOW (p. 70).
You cannot dial.	• The unit is in the call prohibition mode. Cancel the mode (p. 62). • The dialled number is restricted. Cancel the number (p. 74). • Key lock mode is set. Cancel the mode (p. 48).
You cannot redial.	• If the last number dialled was more than 24 digits long, the number will not be redialled.
You cannot program function items such as the handset ringer volume.	• Programming is not possible while the unit is in the talk. • Do not pause for over 60 seconds while programming.
You cannot store a name and phone number in the phonebook.	• You cannot store a name and phone number while the unit is in the talk mode. • Do not pause for over 60 seconds while storing.

Problem	Remedy
While programming or searching, the unit starts to ring and stops the program/search.	• To answer the call, press 🕽. Start again from the beginning after hanging up.
The unit does not display the caller's phone numbers.	• Other telephone equipment may be interfering with your telephone. Disconnect it. Try again. • Other electrical appliances connected to the same outlet may be interfering with the Caller ID information. Telephone line noise may be affecting the Caller ID information. • Other party does not subscribe to Caller ID service.
The display goes to the standby mode while viewing the Caller List or phonebook.	• Do not pause for over 60 seconds while searching. • There are no items in the Caller List or Phonebook.
·ŋ) does not function.	• The handset is too far from the base unit. • The handset is engaged in an outside call or is viewing the Caller List.
The paged handset does not answer.	• The handset is not in the same radio area. • The handset is engaged in an outside call. • The handset has been cancelled or has not been registered. Register the handset in the base unit (p. 95).
While using the intercom, two tones sound.	• A call is being received. To answer, press ✳ ◎ then 🕽.
The unit misdials when connected to a PBX.	• Check the pause function (p. 48).
You cannot register the handset in the base unit.	• The base unit has registered a maximum of 6 handsets or the handset has registered a maximum of 4 base units. • There is interference from other electrical units. Locate the handset and base unit away from them. • You must finish registration within 1 minute after a confirmation tone sounds, or programming will be cancelled (p. 95).
When redialling with pressing 🕩 and 🕽, you cannot talk to the other party.	• Press 🕩.

Useful Information

Chapter 7

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Answering System

Problem	Remedy
The answering system is ON, but incoming messages are not recorded.	• The recording time is set to "greeting only". Select "1 minute" or "unlimited" (p. 85). • Memory is full. Erase some or all of the messages (p. 80, 81, 89).
You cannot operate the answering system from a touch tone phone.	• Make sure you enter the correct remote code. • The answering system may not respond if the tones are too short to activate the unit. Press each button firmly. • The answering system is off. Turn it on (p. 17, 79, 86).
You cannot operate the answering system with the handset.	• Someone is operating the answering system. • You are too far from the base unit. Move closer to the base unit. • The unit is recording a message. To answer the call, press 🕻.
While recording a greeting message, the unit starts to ring and stops recording.	• To answer the call, press 🕻. The recording stops halfway. Start from the beginning after hanging up.
During playback, the unit starts to ring and stops playback.	• To answer the call, press 🕻.

General

Problem	Remedy
The unit does not work.	• Turn the power ON (p. 15). • Check the settings (p. 66). • Charge the batteries fully (p. 14). • Clean the charge contacts and charge again (p. 14). • Unplug the AC adaptor and turn the power OFF to reset. Plug in the AC adaptor and turn the power ON. Then try again. • The handset has been cancelled or has not been registered. Register the handset (p. 95). • Re-install the handset batteries and try again.
You cannot program items such as the time/day adjustment.	• Programming is not possible while the unit is in the talk mode. • Move closer to the base unit.
The battery strength is not displayed correctly.	• Check that the battery type selection is correct (p. 64).
" ▢▯ " flashes or the unit beeps every 15 seconds.	• Charge the batteries fully (p. 14).
You charged the batteries fully, but " ▢▯ " flashes.	• Clean the charge contacts and charge again (p. 14). • Install new batteries (p. 64, 101).

For Customers
Panasonic Australia operates a toll free Customer Care Centre.
Please phone Panasonic on 132600 for assistance.

Useful Information

Chapter 7

Safety Instructions

Take special care to follow the safety suggestions listed below.

Safety
1) The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
2) When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.
3) To minimize the possibility of lightning damage when you know that a thunderstorm is coming, we recommend that you:
   a) Unplug the telephone line cord from the phone jack.
   b) Unplug the power supply cord from the AC power outlet.

Installations
Environment
1) Do not use this unit near liquid—for example, near a bath tub, washbowl, sink, etc. Damp basements should also be avoided.
2) The unit should be kept away from heat sources such as heaters, kitchen stoves, etc. It also should not be placed in rooms where the temperature is less than 5°C or greater than 40°C.
3) As the AC adaptor needs to be connected to mains power, ensure that AC mains output is located nearby for easy access.

Placement
1) Do not place heavy objects on top of this unit.
2) Care should be taken so that objects do not fall onto, and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration or shock.
3) Place the unit on a flat surface.

For best performance
1) If noise prevents the conversation from being understood at the handset, approach the base unit to lessen the noise.
2) The handset should be used at the HIGH volume setting when the reception audio is difficult to hear.
3) The handset should be fully recharged on the base unit when " ▬▬■ " on the display flashes.
4) The handset aerial should not be touched during use because of its high sensitivity.
5) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

Lightning surge
This unit has already been equipped with a built-in lightning protection circuit. However, we recommend that you install the following options, if your area has frequent lightning strikes.
1) Lightning protection on the telephone line
2) Lightning protection on the power source
To install the above options, please contact your local sales shop.

110 • Lightning damage is not covered in the warranty even if lightning protection is installed.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS
PRODUCT TO LIQUID OR ANY TYPE OF MOISTURE.

When a failure occurs which results in the internal parts becoming accessible,
disconnect AC adaptor immediately and return this unit to the place of purchase or
service centre.

If there is any trouble, disconnect the unit from the telephone line and connect a
known working phone. If the known working phone operates properly, do not
reconnect the unit to the telephone line until the fault has been repaired. If the
known working phone does not operate properly, consult your telephone company.

This equipment has been tested and found to comply with AS/NZS 3548: 1995
limits for electromagnetic interference. Any modifications to any part of the system
or to any peripherals may void the EMC compliance of the system or the
peripherals.

This equipment will be inoperable when mains power fails.

The earcap on the handset is magnetised and may retain metallic objects.

Electrical appliances operating near DECT frequency (1.8GHz) may cause
interference. Move away from the electrical appliances.
Medical

Consult the manufacturer of any personal medical devices, such as pacemakers, to
determine if they are adequately shielded from external RF (radio frequency)
energy. (The unit operates in the frequency range of 1.88GHz to 1.9GHz, and the
power output level is approximately 250mW). Do not use the unit in health care
facilities if any regulations posted in the area instruct you not to do so. Hospitals or
health care facilities may be using equipment that could be sensitive to external RF
(radio frequency) energy.

Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a telephone double adaptor.

To Socket

(Optional)

Telephone
Double Adaptor

Telephone Line Cord

Standard Telephone
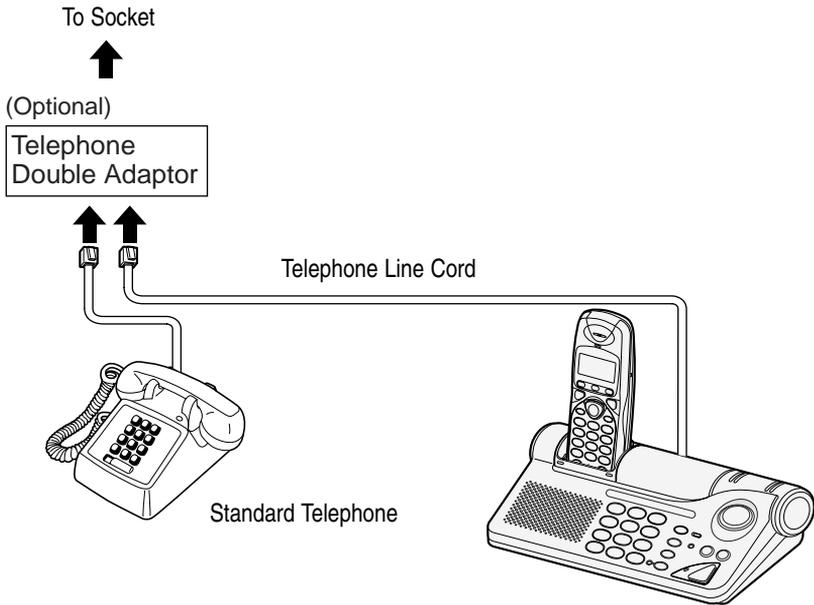
Term Definitions

DECT
> The abbreviation DECT means "Digital Enhanced Cordless Telecommunications".

Advantages of DECT
> Excellent voice quality: Through sampling of digital signals DECT units obtain nearly noiseless transmission.
> High grade taping security: Based on digital transmission, DECT conversations are well protected against unapproved monitoring.
> Multi-Handset operation: To operate several handsets at the base unit, no cable installation is required.
> Interlink: Intercom conversation can be held free of charge between the registered handsets.
> Functions like a PBX: More than one operation can be performed at the same time, like a PBX. eg., during an external call, an internal call or outside call can be transferred to another handset.
> Multi-Base station operation: More than one handset can be registered to several base units, e.g., for private and office applications.

Equipment Manufacturer's Code (EMC)
> For identification, this unit is prepared with an EM Code, which can be applied to future operators in mobile networks.

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⚠ N52